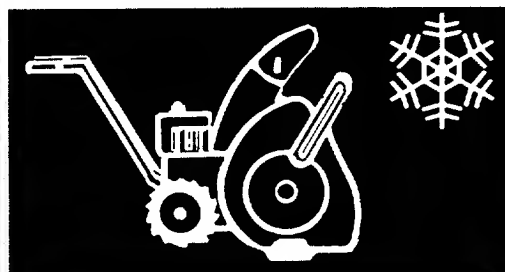
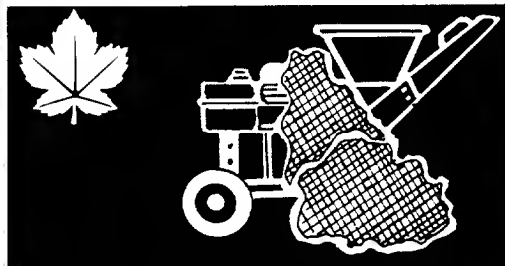
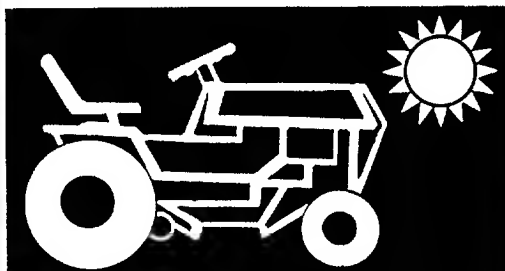
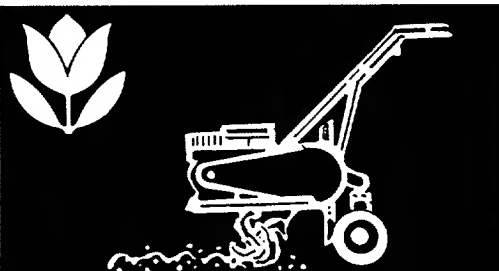


\$1.00

OWNER'S GUIDE

OUTDOOR POWER EQUIPMENT
for all seasons



IMPORTANT:
Read Safety Rules and
Instructions Carefully

18 H.P. GARDEN TRACTORS

Model Numbers

148-802-000	148-817-000
148-803-000	148-818-000
148-807-000	148-822-000
148-808-000	148-823-000
148-812-000	148-827-000
148-813-000	148-828-000

STEERING RATIO 16.2 : 1

TURNING RADIUS 8' INSIDE 15½' OUTSIDE

Thank you for purchasing
an American-built product.

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Dear Customer,

So often throughout the year we are all in a rush to meet our daily obligations.

However, we at MTD Products Inc are taking a quick moment out to say...

"Thank you for your business."

Sincerely,

MTD PRODUCTS INC



INSTRUCTIONS GIVEN WITH THIS SYMBOL ARE FOR PERSONAL SAFETY. BE SURE TO FOLLOW THEM.

LIMITED WARRANTY

For one year from the date of original retail purchase, MTD PRODUCTS INC will either repair or replace, at its option, free of charge, F.O.B. factory or authorized service firm, any part or parts found to be defective in material or workmanship. Transportation charges for the movement of any power equipment unit or attachment are the responsibility of the purchaser. Transportation charges for any parts submitted for replacement under this warranty must be paid by the purchaser unless such return is requested by MTD PRODUCTS INC.

This warranty will not apply to any part which has become inoperative due to misuse, excessive use, accident, neglect, improper maintenance, alterations, or unless the unit has been operated and maintained in accordance with the instructions furnished. This warranty does not apply to the engine, motor, battery, battery charger or component parts thereof. Please refer to the applicable manufacturer's warranty on these items.

This warranty will not apply where the unit has been used commercially.

Warranty service is available through your local authorized service dealer or distributor. If you do not know the dealer or distributor in your area, please write to the Customer Service Department of MTD.

The return of a complete unit will not be accepted by the factory unless prior written permission has been extended by MTD.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

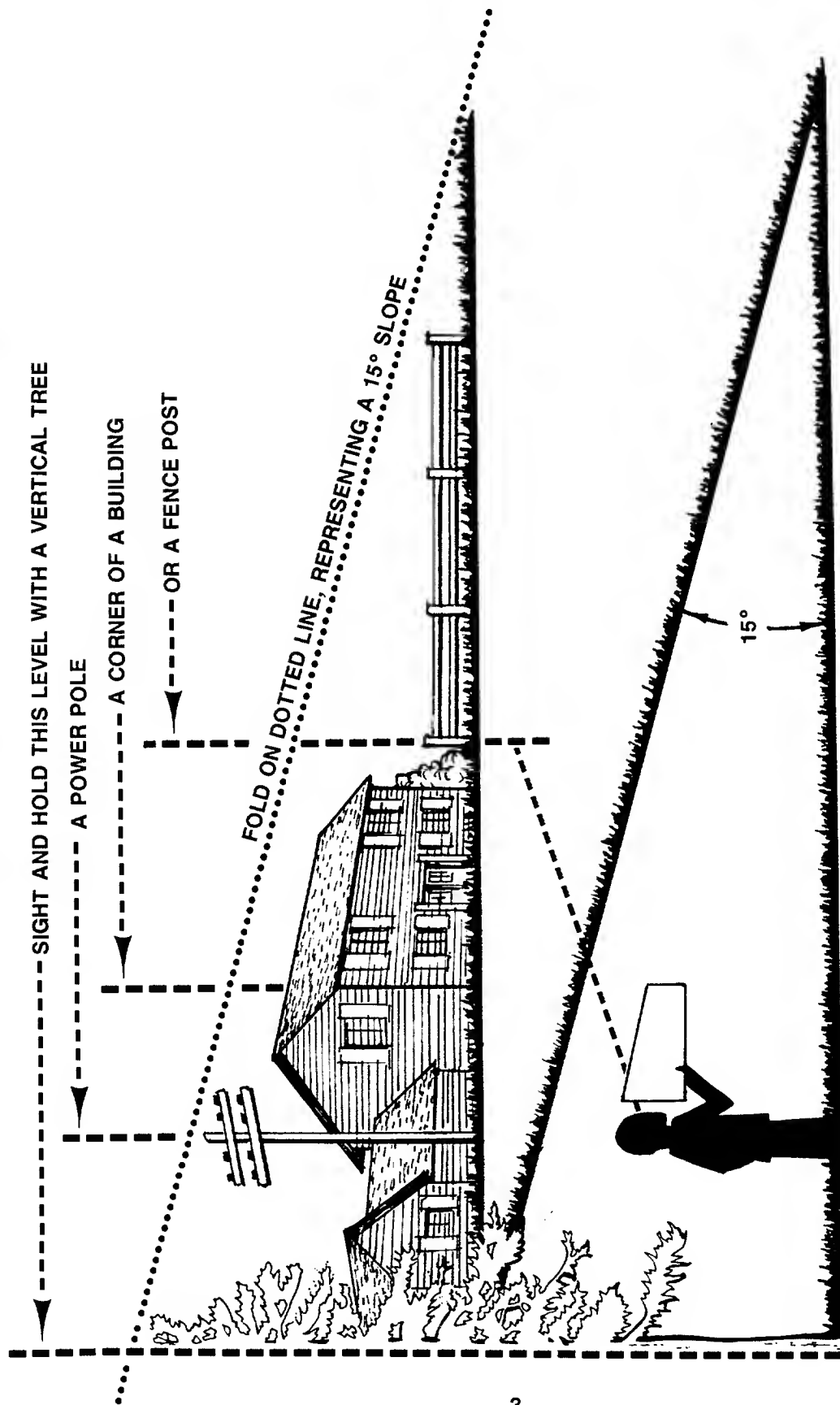
WARNING: This unit is equipped with an internal combustion engine and should not be used on or near any unimproved forest-covered, brush-covered or grass-covered land unless the engine's exhaust system is equipped with a spark arrester meeting applicable local or state laws (if any). If a spark arrester is used, it should be maintained in effective working order by the operator.

In the State of California the above is required by law (Section 4442 of the California Public Resources Code). Other states may have similar laws. Federal laws apply on federal lands. A spark arrester for the muffler is available through your nearest engine authorized service center.

USE THIS SHEET AS A GUIDE TO DETERMINE SLOPES WHERE YOU MAY NOT OPERATE SAFELY.

SLOPE GAUGE

(Keep this sheet in a safe place for future reference.)



WARNING

Do not mow on inclines with a slope in excess of 15 degrees (a rise of approximately 2½ feet every 10 feet). A riding mower could overturn and cause serious injury. If operating a walk-behind mower on such a slope, it is extremely difficult to maintain your footing and you could slip, resulting in serious injury.

Operate RIDING mowers up and down slopes, never across the face of slopes.
Operate WALK-BEHIND mowers across the face of slopes, never up and down slopes.

CONTENTS OF HARDWARE PACK

Remove this sheet from your owner's manual and lay the hardware on the illustration for identification purposes. Refer to the separate deck manual for any information concerning the deck. After assembly, keep the Slope Gauge which is on the reverse side of this sheet for future use.

(Hardware pack may contain extra items which are not used on your unit.)

A SEAT ASSEMBLY (Models 803, 808, 813, 818, 823 and 828 Only)

Shoulder Bolts

Lock Washers
5/16" I.D.

Hex Nuts
5/16-18 Thread

C INSTALLING THE BATTERY (Black Plastic Battery Cover Is Not Shown)

Hex Bolts
1/4-20 x 5/8" Long

Lock Washers
1/4" I.D.

Hex Nuts
1/4-20 Thread

Plastic Wing Nuts

Mounting Clamp
(18 H.P. Only)

Hex Lock Nut
5/16-18 Thread
(18 H.P. Only)

Battery Hold-Down Rods

B STEERING WHEEL INSTALLATION

Hex Lock Nut
5/16-24 Thread

Cupped Washer
5/16" I.D.

Steering Bellow
(Models 803, 808, 813, 818, 823 and 828 Only)

Steering Wheel Cap


D IGNITION KEYS (May be Attached to Tractor)



IMPORTANT

RULES FOR SAFE OPERATION



THIS SYMBOL POINTS OUT IMPORTANT SAFETY INSTRUCTIONS WHICH, IF NOT FOLLOWED, COULD ENDANGER THE PERSONAL SAFETY AND/OR PROPERTY OF YOURSELF AND OTHERS. READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL BEFORE ATTEMPTING TO OPERATE YOUR UNIT. FAILURE TO COMPLY WITH THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY. WHEN YOU SEE THIS SYMBOL—  **HEED ITS WARNING.**




DANGER


Your unit was built to be operated according to the rules for safe operation in this manual. As with any type of power equipment, carelessness or error on the part of the operator can result in serious injury. If you violate any of these rules, you may cause serious injury to yourself or others.

1. READ THIS OWNER'S MANUAL carefully in its entirety before attempting to assemble or operate this unit. Keep this manual in a safe place for future and regular reference and for ordering replacement parts.
2. This unit is a precision piece of power equipment, not a plaything. Therefore exercise extreme caution at all times.
3. Know the controls and how to stop the machine quickly.
4. Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction. Only persons well acquainted with these rules of safe operation should be allowed to use your mower.
5. Wear sturdy, rough-soled work shoes and close-fitting slacks and shirts to avoid entanglement in the moving parts. Never operate a unit in bare feet, sandals, or sneakers.
6. To prevent injury, do not carry passengers or give rides. Keep children, pets and bystanders out of the area while mowing. Only the operator should ride on the unit and only ride in the seat.
7. Check overhead clearance carefully before driving under power lines, guy wires, bridges or low hanging tree branches, before entering or leaving buildings, or in any other situation where the operator may be struck or pulled from the unit, which could result in serious injury.
8. To maintain control of the unit and reduce the possibility of upset or collision, operate the tractor smoothly. Avoid erratic operation and excessive speed.
9. Keep the area of operation clear of all persons, particularly small children and pets. Stop engine when they are in the vicinity of your mower. Although the area of operation should be completely cleared of foreign objects, a small object may have been overlooked and could be accidentally thrown by the mower in any direction and cause injury to you or a bystander.
10. Stop the blade(s) when crossing gravel drives, walks or roads.
11. Disengage all attachment clutches and shift into neutral before attempting to start engine.
12. Disengage power to attachment(s) and stop engine before leaving operating position.
13. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times as the rotating blade(s) can cause injury.
14. Disengage power to attachment(s) and stop engine before making any repairs or adjustments. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
15. Before attempting to unclog the mower or discharge chute, stop the engine. The mower blade(s) may continue to rotate for a few seconds after the engine is shut off. Therefore, be sure the blade(s) have stopped completely. Disconnect the spark plug wire and keep the wire away from the plug to prevent accidental starting.
16. Disengage power to attachment(s) when transporting or not in use.
17. Take all possible precautions when leaving vehicle unattended such as disengaging power take-off, lowering attachments, shifting into neutral, setting parking brake, stopping engine and removing key.
18. For your safety, use the slope gauge included as part of this manual to measure slopes before operating this unit on a sloped or hilly area. If the slope is greater than 15° as shown on the slope gauge, do not operate this unit on that area or serious injury could result.
19. Do not stop or start suddenly when going uphill or downhill. Mow up and down face of steep slopes; never across the face. Use extreme caution if it is necessary to drive the tractor up an incline or back the tractor down an incline because the front of the tractor could lift and rapidly flip over backward which could cause serious injury.
20. Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Always keep the tractor in gear when going down steep hills to take advantage of engine braking action.
21. Stay alert for holes in terrain and other hidden hazards which may cause the unit to tip over.
22. Use care when pulling loads or using heavy equipment.
 - A. Use only approved drawbar hitch points.
 - B. Limit loads to those you can safely control.
 - C. Do not turn sharply. Use care when backing.
 - D. Use counterweight(s) or wheel weight(s) when suggested in owner's manual.
23. Watch out for traffic when crossing or near roadways.
24. When using any attachments, never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
25. Handle gasoline with care. It is highly flammable.
 - A. Use approved gasoline container.
 - B. Never remove cap or add gasoline to a running or hot engine or fill fuel tank indoors. Wipe up spilled gasoline.
 - C. Open doors if engine is run in garage. Exhaust fumes are dangerous. Do not run engine indoors.

Rules for Safe Operation (continued)

26. Keep the vehicle and attachments in good operating condition, and keep safety devices in place. Use guards as instructed in operator's manual.
27. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
28. Never store the machine with fuel in the fuel tank inside a building where ignition sources are present, such as hot water and space heaters, clothes dryers, and the like. Allow the engine to cool before storing in any enclosure.
29. To reduce fire hazard, keep engine free of grass, leaves or excessive grease.
30. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object. The damage should be repaired before restarting and operating the equipment.
31. Do not change the engine governor settings or overspeed the engine.
32. When using the vehicle with mower, proceed as follows:
 - (1) Mow only in daylight or in good artificial light.
 - (2) Never make a cutting height adjustment while engine is running if operator must dismount to do so.
 - (3) Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher.
 - (4) Check blade mounting bolts for proper tightness at frequent intervals.
33. Check grass catcher bags frequently for wear or deterioration. For safety protection, replace only with new bag meeting original equipment specifications.
34. Look behind to make sure the area is clear before placing the transmission in reverse and continue looking behind while backing up. Disengage blades before shifting into reverse and backing up.
35. This unit should not be driven up a ramp onto a trailer or truck under power, because the unit could tip over, causing serious personal injury. The unit must be pushed manually to load properly.

 **IMPORTANT:** This unit is shipped **WITHOUT GASOLINE or OIL**; however, a small amount of oil may be present from the factory. Do not overfill. After assembly, service engine with gasoline and oil as instructed in the separate engine manual packed with your unit.

 **NOTE:** Reference to right or left hand side of the unit is observed from the driver's seat, facing forward. Refer to the separate deck manual for all information concerning the deck (if so equipped).

ASSEMBLY

This owner's manual covers various models of lawn tractors. The units illustrated may vary slightly from your unit. Follow the instructions which pertain to your unit.

UNPACKING

1. Remove the carton from the tractor as follows. Cut and remove the bands around the carton. Open the top flaps and remove all carton inserts. Lift the carton off the tractor. Roll the tractor off the skid. Make certain all parts and literature have been removed from the carton before the carton is discarded.
2. Remove page four from this manual and lay the contents of the hardware pack on the illustration for identification.

BATTERY INFORMATION



WARNING

- A. Battery acid must be handled with great care as contact with it can burn and blister the skin. It is also advisable to wear protective clothing (goggles, rubber gloves and apron) when working with it.*
- B. Should battery acid accidentally splatter into the eyes or onto the face, rinse the affected area immediately with clean, cold water. If there is any further discomfort, seek prompt medical attention.
- C. If acid spills on clothing, first dilute it with clean water, then neutralize with a solution of ammonia/water or baking soda/water.
- D. Since battery acid is corrosive, do not pour it into any sink or drain. Before discarding empty electrolyte containers, rinse them with a neutralizing solution.
- E. NEVER connect or disconnect charger clips to battery while charger is turned on as it can cause sparks.
- F. Keep all lighted materials (cigarettes, matches, lighters) away from the battery as the hydrogen gas generated during charging can be combustible.
- G. As a further precaution, only charge the battery in a well-ventilated area.
***Always shield eyes, protect skin and clothing when working near batteries.**

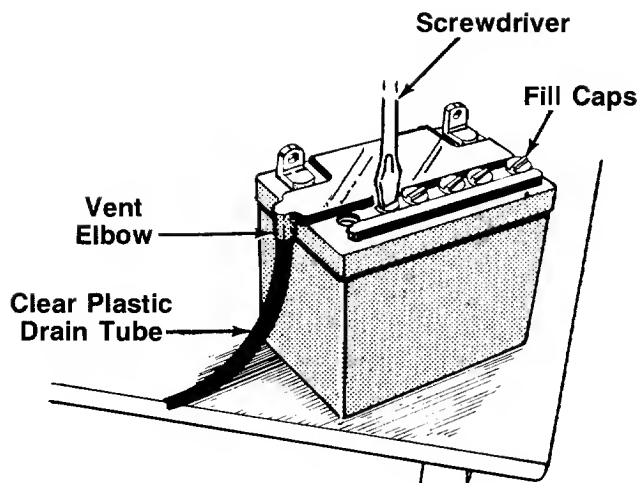


FIGURE 1.

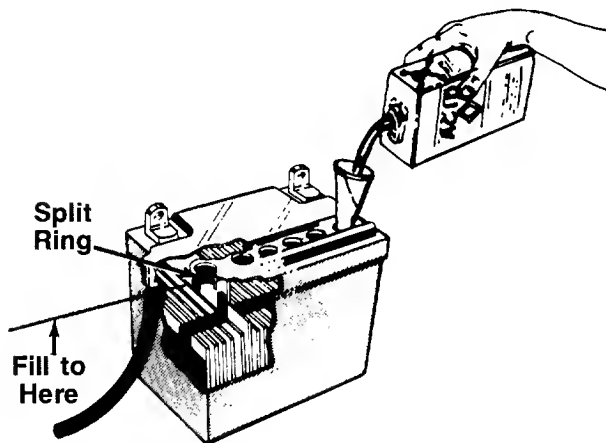


FIGURE 2.



DANGER

Battery contains sulfuric acid. Refer to warning on page 6. Antidote: EXTERNAL—Flush with water. INTERNAL—Drink large quantities of water or milk. Follow with milk of magnesia, beaten egg or vegetable oil. Seek prompt medical attention. EYES: Flush with cool water for at least 15 minutes, then seek immediate medical attention.

Since batteries produce explosive gases, keep all lighted materials (cigarettes, lighters, matches, etc.) away. Be sure to charge battery only in well-ventilated areas.

KEEP BATTERIES
OUT OF THE REACH OF CHILDREN!

ACTIVATING THE BATTERY

Do not activate battery (fill with battery acid) until battery is actually placed in service. Be certain to read previous warnings before activating the battery.

1. Open the battery pack. Be careful not to puncture the box. It contains the battery with a long plastic tube attached, battery fluid (acid) in a cardboard container and one cone.
2. Place the battery on a table or workbench. Make certain the long plastic drain tube is in place on the vent elbow.
3. Remove the six fill caps from the top of the battery with a screwdriver. Be careful not to damage the fill caps. See figure 1.
4. Cut off the tip of the cone for use as a funnel.
5. Place the battery fluid container upright on the table or workbench. Carefully remove the flap on the box, and pull out the plastic tube. Cut off the tip of the plastic tube. Do not squeeze the container when cutting the tip.
6. Fill each battery cell slowly and carefully to the split ring at the bottom of the well. See figure 2. Use caution as the acid level will rise rapidly after the bottom of the cell is filled. DO NOT OVERFILL.
7. Allow battery to stand for 30 minutes with the fill caps removed, while the plates absorb acid.
8. If acid level has fallen after the 30 minute standing period, refill each cell with battery acid to the split ring. Replace the fill caps.
9. Before discarding the empty container, neutralize any residue with baking soda and rinse container with water. Puncture container several times before discarding.
10. Charge the battery after the 30 minute standing period. SLOW CHARGE THE BATTERY (DO NOT FAST CHARGE) at a maximum bench rate of 5 amperes until the specific gravity reading is 1.265 (approximately 30 minutes).

NOTE

After battery has been in service, add only distilled water to replace normal loss. Do not add acid.

NOTE

This engine is equipped with an alternator. The current for the battery charger alternator is unregulated. During normal operation, it is only necessary to charge the battery:

1. When it is activated for the first time.
2. Before winter storage.
3. Before using the tractor after winter storage.

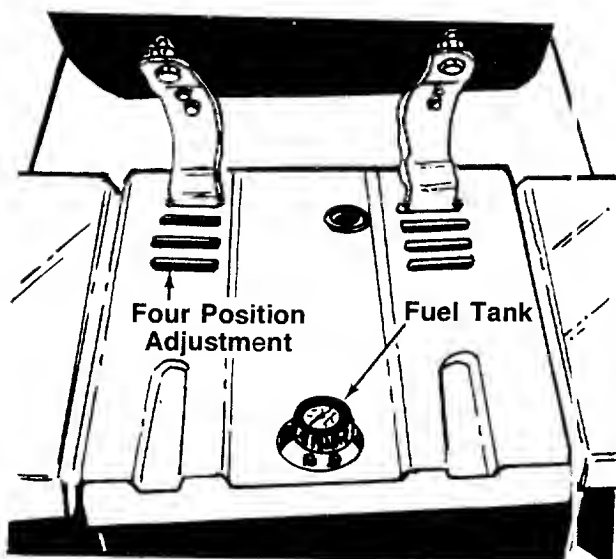


FIGURE 3A.—Models 802, 807, 812, 817, 822 and 827

SEAT ASSEMBLY (Hardware A)

1. **Models 802, 807, 812, 817, 822 and 827:** The seat can be adjusted to four positions. With the seat tipped forward, hook the front of the seat spring into the slots on the tractor frame. Allow the seat to pivot backwards until it rests on the rear of the springs. See figure 3A.

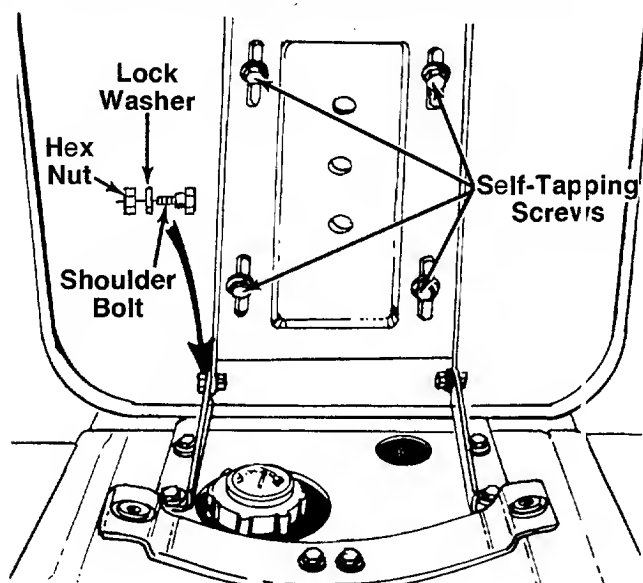


FIGURE 3B.—Models 803, 808, 813, 818, 823 and 828

- Models 803, 808, 813, 818, 823 and 828:** Place the seat in position against the seat brackets. Secure each side of seat with shoulder bolts, lock washer and hex nut. Crown side of washers should be against the head of the bolt and the nut. See figure 3B.

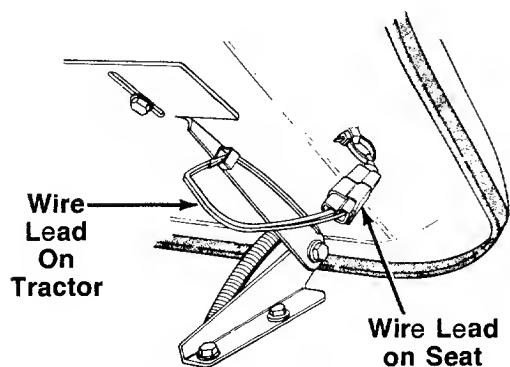


FIGURE 4.—Models 803, 808, 813, 818, 823 and 828

2. **All Models:** Plug the wire lead which is in the wire harness beneath the seat into the plug on the wire lead extending from the right hand side of the seat. Make certain to route the wire in front of the right hand seat bracket so the wire is not pinched when raising and lowering the seat on models 803, 808, 813, 818, 823 and 828. See figure 4.

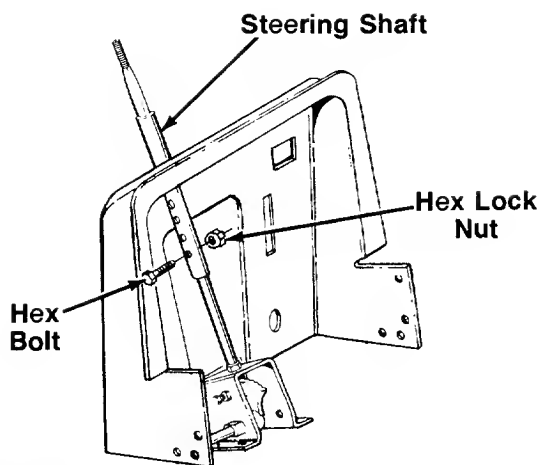


FIGURE 5.—Models 803, 808, 813, 818, 823 and 828

STEERING WHEEL INSTALLATION (Hardware B)

1. **Models 803, 808, 813, 818, 823 and 828 only:**
There are four height positions for the steering wheel. For shipping purposes, the steering shaft is assembled in the lowest position. Lift the hood of the tractor. Remove the hex bolt and hex lock nut on the steering shaft. Raise the shaft to desired position and secure with hex bolt and hex lock nut.
← See figure 5.

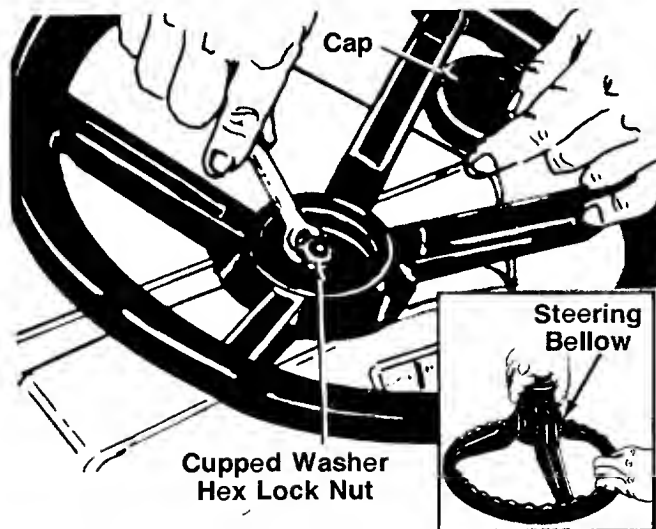


FIGURE 6.

2. **Models 803, 808, 813, 818, 823 and 828 only:**
Attach one end of the plastic steering bellow to the steering wheel as shown in figure 6, inset.
3. Position the front wheels of the tractor so they are pointing straight forward.
4. Place the steering wheel (and steering bellow, if so equipped) over the steering shaft extending through the dash, positioning steering wheel as desired.
5. Place the washer with the cupped side down over the steering column. Secure with 5/16" hex lock nut. See figure 6.
←
6. Place the steering wheel cap over the center of the steering wheel and seat it with your hand.

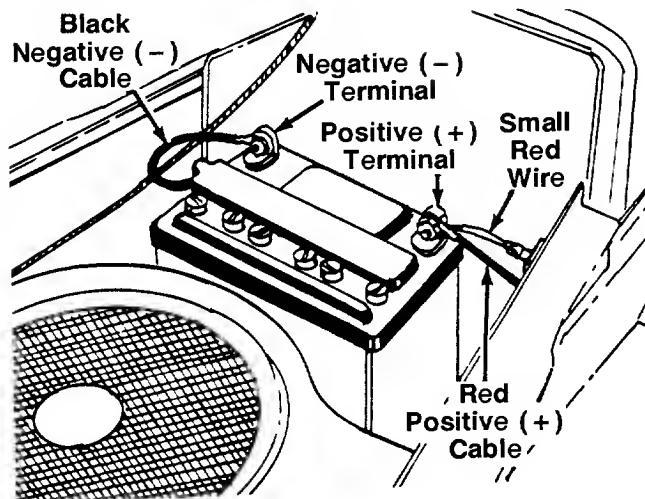


FIGURE 7.

INSTALLING THE BATTERY (Hardware C)

NOTE

The positive battery terminal is marked Pos. (+). The negative battery terminal is marked Neg. (-).

1. Place the battery on the battery plate with the terminals towards the rear of the tractor.
2. Attach the positive cable (heavy red wire) and the small red wire (from the circuit breaker) to the positive battery terminal (+) with hex bolt 5/8" long, 1/4" lock washer and hex nut. See figure 7.
←
3. Attach the negative cable (heavy black wire) to the negative battery terminal (-) with the other hex bolt 5/8" long, 1/4" lock washer and hex nut.

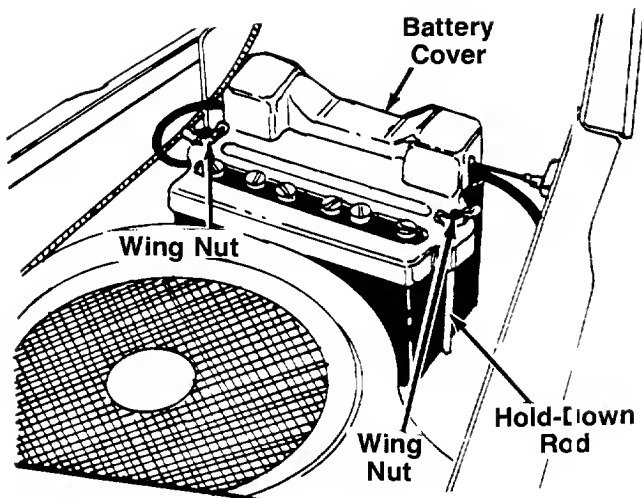


FIGURE 8.

4. Hook one hold-down rod into the hole in battery plate beside the battery. See figure 8. Place the black plastic battery cover in position over the hold-down rod. Secure with wing nut. Attach other hold-down rod to the other side of battery cover in the same manner.

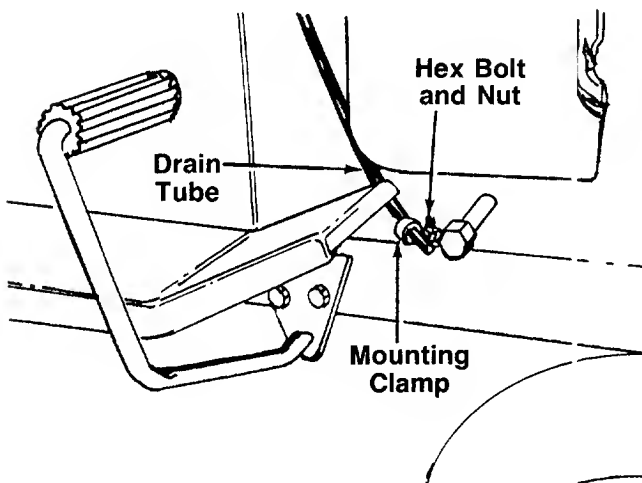


FIGURE 9A.—18 H.P. Models

5. **18 H.P. models only:** Route the battery drain tube down beside the oil drain pipe on the **right** side of the tractor. Slip the end of the drain tube into the mounting clamp provided in hardware pack. Secure the mounting clamp to the tractor by placing the clamp over the hex bolt and nut which hold the engine pulley belt guard to the frame. Secure in place with hex lock nut. See figure 9A.

All other models: Route the battery drain tube down beside the oil drain pipe on the **left** side of the tractor. Slip the end of the drain tube into the mounting clamp which is attached to the left side of the frame as shown in figure 9B.

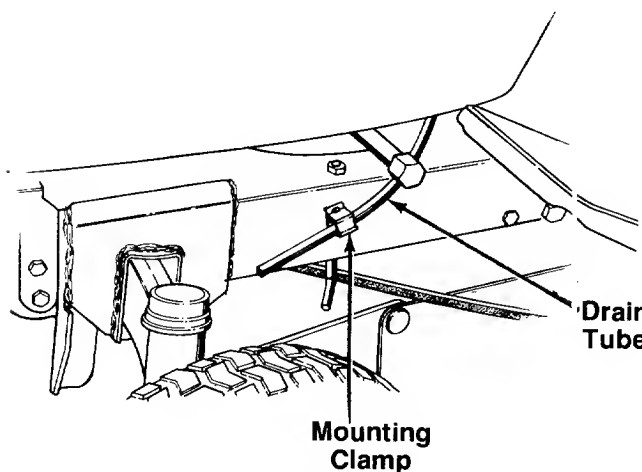


FIGURE 9B.—All Other Models

NOTE

The vented battery allows any gases or liquid from the battery to be drained onto the ground.

TIRE PRESSURE

For shipping purposes, the tires on your unit may be over-inflated. Tire pressure should be reduced before unit is put into operation. Recommended operating tire pressure should be 10 p.s.i.

Check sidewall of tire for manufacturer's maximum tire pressure. If this information does not appear on your tire, maximum tire pressure under any circumstances is 30 p.s.i. Equal tire pressure should be maintained on all tires.

CONTROLS

IGNITION SWITCH

The ignition switch is located on the dashboard. Turn the key to the START position to start the engine. When the engine is running, leave the key in the ON position. To stop the engine, turn the key to the OFF position. See figure 10.



WARNING

Remove the key from the tractor when the tractor is not in use to prevent accidental starting.

THROTTLE CONTROL

The throttle control is located on the left side of the dashboard and is used to regulate the engine speed. See figure 10. The engine should be operated from $\frac{3}{4}$ to full throttle (FAST) when operating any equipment that uses the tractor engine as a source of power such as the mowing deck, snow thrower or rotary tiller.

CHOKE CONTROL

The choke control is located on the right side of the dashboard and is operated manually. Details for the choke operation are covered in the separate engine manual packed with your unit. See figure 10.

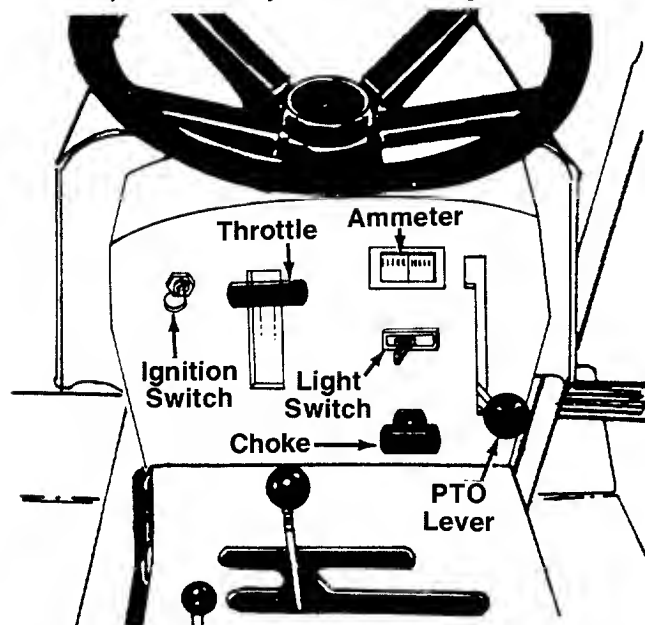


FIGURE 10.—Models 802, 807, 812, 817, 822 and 827 Shown

LIGHT SWITCH

The head lamps are operated by pushing the light switch located on the dashboard. The head lamps will only operate when the engine is running. See figure 10.

AMMETER

The ammeter registers the rate of battery charge or discharge. The ammeter will register on the discharg-

ing side with starting the engine. It should register on the opposite side (charging) when the engine is running in the fast position until the battery is completely charged. With a fully charged battery or with the engine idling, the ammeter will not show a charge. See figure 10.

GASOLINE TANK

The gasoline tank is located under the tractor seat. Tip the seat forward to fill the tank. Refer to figure 3. Be careful not to pinch the wire lead to the seat switch when raising and lowering the seat.

GEAR SHIFT LEVER

The transaxle has four forward gears, neutral and reverse. Do **not** shift through the gears on the transaxle as you would in an automobile. Pre-select the gear appropriate for the job you are doing. See figure 11.

You must depress the clutch-brake pedal and come to a complete stop before shifting gears.

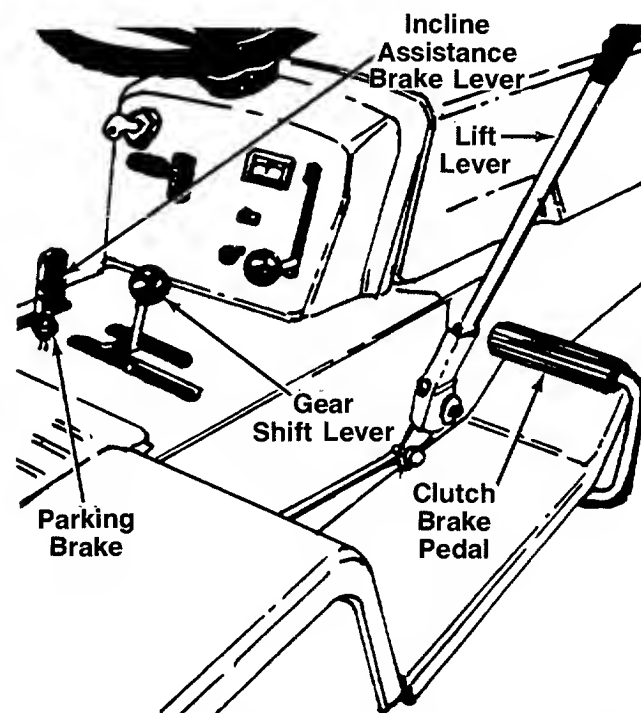


FIGURE 11.—Models 802, 807, 812, 817, 822 and 827 Shown

CLUTCH-BRAKE PEDAL

The clutch-brake pedal is located on the right side of the tractor. See figure 11. Depressing the clutch-brake pedal part way disengages the clutch. Pressing the pedal all the way down disengages the clutch and engages the disc brake.



NOTE

The clutch-brake pedal must be depressed to start the engine.

PARKING BRAKE

To set the parking brake, depress the clutch-brake pedal and pull up the parking brake knob. It will stay in the raised position. To release the parking brake, depress and release the clutch-brake pedal. See figure 11.

INCLINE ASSISTANCE BRAKE LEVER

When stopping on a hill, hold the incline assistance brake lever back while you release the clutch-brake pedal until the tractor begins to move, then release the lever. This lever permits smoother starts and clutch engagement by holding the tractor during the brake release/clutch engagement operation. See figure 11.

LIFT LEVER

The five position lift lever is used to change the operating position of the attachments. To operate, pull the lever towards you. To release, move the lever to the right and then forward. See figure 11.

POWER TAKE-OFF (PTO) LEVER

The PTO lever is located on the right side of the dashboard. To engage the PTO, lift the lever slowly and lock it into the notch. See figure 10.



The PTO lever **must** be in the disengaged position (down) when starting the engine when shifting into reverse and if the operator leaves the seat.

OPERATION

CAUTION

- READ OPERATOR'S MANUAL(S) • NEVER CARRY CHILDREN
- KNOW LOCATION AND FUNCTION OF ALL CONTROLS
- KEEP SAFETY DEVICES (GUARDS, SHIELDS AND SWITCHES) IN PLACE AND WORKING
- REMOVE OBJECTS THAT COULD BE THROWN BY BLADE(S)
- DO NOT OPERATE THE UNIT WHEN CHILDREN AND OTHERS ARE AROUND.
- ALWAYS LOOK BEHIND THE UNIT BEFORE BACKING UP
- DO NOT OPERATE THE UNIT WHERE IT COULD SLIP OR TIP
- IF THE UNIT STOPS GOING UPHILL, STOP BLADE(S) AND BACK SLOWLY DOWNHILL
- BE SURE BLADE(S) AND ENGINE ARE STOPPED BEFORE PLACING HANDS OR FEET NEAR BLADE(S)
- BEFORE LEAVING OPERATOR'S POSITION, SHUT ENGINE OFF AND REMOVE KEY

GAS AND OIL FILL-UP

Service the engine with gasoline and oil as instructed in the separate engine manual packed with your tractor. Read instructions carefully.



Your tractor is shipped without oil; however, a small amount of oil may be present from the factory. Do not overfill.



Never fill fuel tank indoors, with engine running or while engine is hot.

OPERATING THE TRACTOR



This unit is equipped with a **safety interlock system** for your protection. The purpose of the safety interlock system is to prevent the engine from cranking or starting unless the clutch-brake pedal is depressed and the PTO lever is in the disengaged position. In addition, the PTO lever must be in the disengaged position when the unit is put into reverse or the engine will shut off. If the operator leaves the seat with the PTO lever engaged, the engine will shut off.



Do not operate the tractor if the interlock system is malfunctioning because it is a safety device, designed for protection.

1. Place the PTO lever in the disengaged (down) position.
2. Pull out the choke control. A warm engine requires less choking.
3. Set the throttle control in the FAST position.
4. Depress the clutch-brake pedal and hold it down.
5. Turn the ignition key to the START position. After the engine starts, release the key.
6. Slowly push in the choke as the engine warms up.
7. With the clutch-brake pedal depressed, move the gear shift lever into one of the forward gears or reverse.
8. Slowly release the clutch-brake pedal and the tractor will move forward.
9. When stopping, depress the clutch-brake pedal. This will apply both the clutch and the brake.

10. To shut off the engine, turn the ignition key to the left to the OFF position. Remove the key to prevent accidental starting while equipment is unattended.

IMPORTANT

If you strike a foreign object, stop the engine. Remove wire from spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.

NOTE

If any problems are encountered, refer to the Trouble Shooting Chart on page 18.

ADJUSTMENTS



WARNING

Disconnect the spark plug wire and ground against the engine before performing any adjustments, repairs or maintenance.

SEAT ADJUSTMENT

Models 802, 807, 812, 817, 822 and 827:

The tractor seat is adjustable to four positions. To change positions, tip the seat all the way forward and lift it out of the slots on each side. Refer to figure 3A.

Models 803, 808, 813, 818, 823 and 828:

To adjust the position of the seat, loosen the four self-tapping screws on the bottom of the seat. See figure 3B. Slide the seat forward or backward as desired. Retighten the self-tapping screws.

REAR WHEEL TRACK ADJUSTMENT

The distance between the rear wheels can be changed from wide to narrow by removing the rear wheels one at a time and reversing them on the hub.

With the rear wheels in the narrow position, the outside of the rear wheels is even with the inside of the front wheels.

With the rear wheels in the wide position, the inside of the rear wheels is even with the inside of the front wheels.

LEVELING THE DECK

1. Check tire pressure in all four tires. Recommended pressure is 10 p.s.i.
2. Make certain all deck wheels are mounted in same relative location.

3. On a level surface, engage the PTO and lower the deck until it reaches the ground.

All four deck wheels should reach the ground at the same time. If they do not, adjust the deck links as necessary.

NOTE

When adjusting the deck links, disengage the PTO. Remove the hairpin clip and washer from the weld bolt. Thread eyebolt up or down the link as necessary, and reassemble.

4. Raise the deck 1/2" to 1" above the aground.

Check to be certain the distance from the bottom edge of the deck to the ground is the same on both sides of the deck. If it is not, adjust the links on the left side of the unit.

Check to be certain the front of the deck is 1/4" to 3/8" lower than the rear of the deck. If it is not, adjust the two front links to obtain this distance.

STEERING WHEEL ADJUSTMENT

Models 803, 808, 813, 818, 823 and 828

There are four height positions for the steering wheel. To adjust the height of the steering wheel, remove the hex bolt and hex lock nut on the steering shaft. Place the steering wheel in the position desired and secure with hex bolt and hex lock nut. Refer to figure 5.

NOTE

When raising the height of the steering wheel, stretch the steering bellow to cover the steering shaft.

BRAKE ADJUSTMENT

During normal operation of this machine, the brakes are subject to wear and will require periodic examination and adjustment.



WARNING

Do not adjust the brake while the engine is running. Be sure to block the wheels of the tractor before making the brake adjustment.

1. Loosen the lock nut. See figure 12.
2. Tighten the center bolt all the way in.
3. Unscrew the center bolt one complete turn.
4. Test the brakes and repeat step three if necessary.
5. Tighten the lock nut.

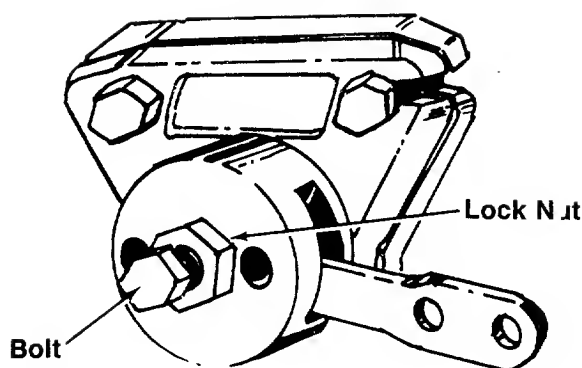


FIGURE 12.

CARBURETOR ADJUSTMENTS



WARNING

If any adjustments are made to the engine while the engine is running (e.g. carburetor), disengage all clutches and blades. Keep clear of all moving parts. Be careful of heated surfaces and muffler.

Minor carburetor adjustments may be required to compensate for differences in fuel, temperature, altitude and load. Refer to separate engine manual for carburetor adjustment information.

NOTE

A dirty air cleaner will cause an engine to run rough. Be certain air cleaner is clean and attached to the carburetor before adjusting carburetor. Refer to the separate engine manual.

LUBRICATION

STEERING GEARS

Wipe off the old grease and dirt. After every 25 hours of operation place an automotive multi-purpose grease in the teeth of the segment and pinion gears. See figure 13.

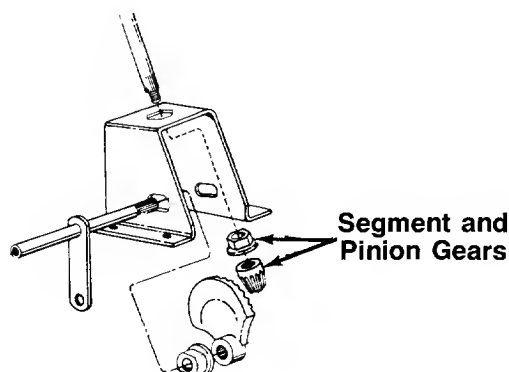


FIGURE 13.

TRANSAXLE

Check the oil level four times a year. Lubricant should be at the point of overflowing. Use E.P. 90 oil. Drain and refill every two years. Capacity 4 pints. See figure 14.

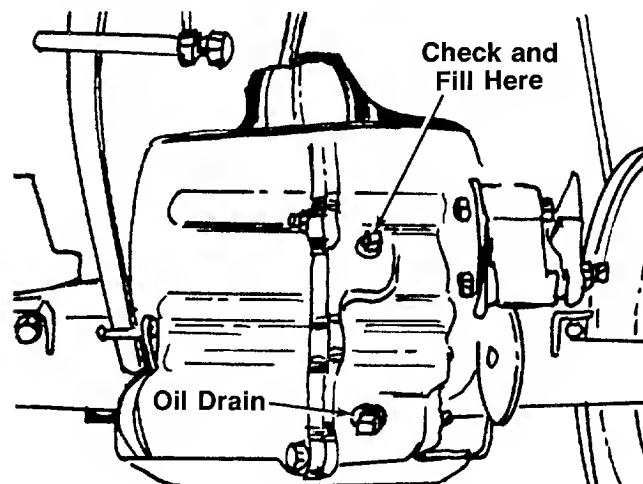


FIGURE 14.

LINKAGE

Once a season lubricate all the pivot points on the clutch, brake and lift linkage with SAE 30 engine oil.

FRONT WHEELS

The front wheels are provided with grease fittings. Lubricate at least once a season with automotive multi-purpose grease.

PIVOT POINTS

Lubricate all pivot points with light oil at least once a season.

BALL JOINTS

The ball joints and drag link ends are permanently lubricated.

MAINTENANCE



WARNING

Disconnect the spark plug wire and ground against the engine before performing any adjustments, repairs or maintenance.

TROUBLE SHOOTING

Refer to the chart on page 18 for trouble shooting engine problems.

CRANKCASE OIL

To ensure maximum engine performance, perform the following periodic maintenance:

Check the oil level in the crankcase before each use of the machine and after every two hours of operation. Keep the oil level between ADD and FULL. See figure 15.

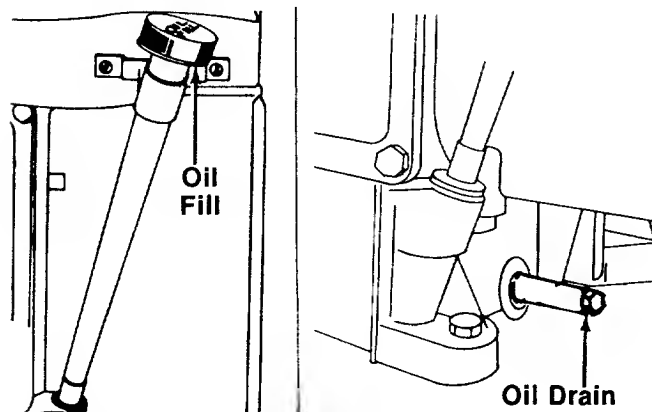


FIGURE 15.

After the first five hours of operating a new engine, drain the oil (see figure 15) from the crankcase while engine is still hot and refill crankcase with new oil; thereafter change the oil after every 25 hours of operation. This procedure ensures minimum wear of engine parts. To change the oil, proceed as follows:

- Step 1. Remove oil filler plug.
- Step 2. Drain the oil.
- Step 3. Replace oil filler plug.
- Step 4. Refill crankcase with oil. Refer to separate engine manual for quantity and type of oil.

FUEL FILTER

Your unit is equipped with a replaceable in-line fuel filter. Replace filter whenever contamination or discoloration is noticed. Order replacement filter through your authorized engine service dealer.

WHEEL ALIGNMENT

The front wheels should toe-in approximately 1/8". Measure the distances A and B on the front wheels. See figure 16.

NOTE

Dimension B should be approximately 1/8 inch less than dimension A.

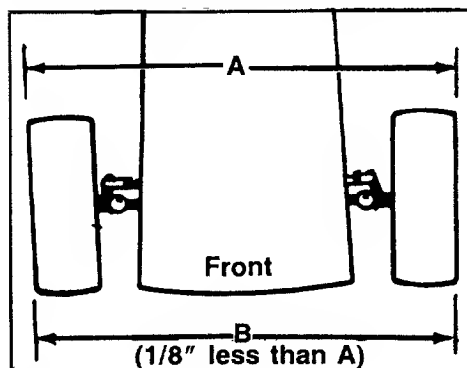


FIGURE 16.

To adjust the toe-in, loosen the hex jam nut, remove the elastic lock nut, lift the tie rod end out of the hole in the steering arm and screw the tie rod end in or out as necessary. See figure 17.

Reassemble the tie rod end after the correct alignment is made.

DRAG LINK

If the drag link or ball joints are changed, the new assembly must be adjusted to the exact same length as the original. If adjusted incorrectly, it will allow the tractor to turn sharper one direction than the other.

To take off the drag link, remove the nuts and lock washers holding the ball joint to the steering gear and left front axle bracket. See figure 17.

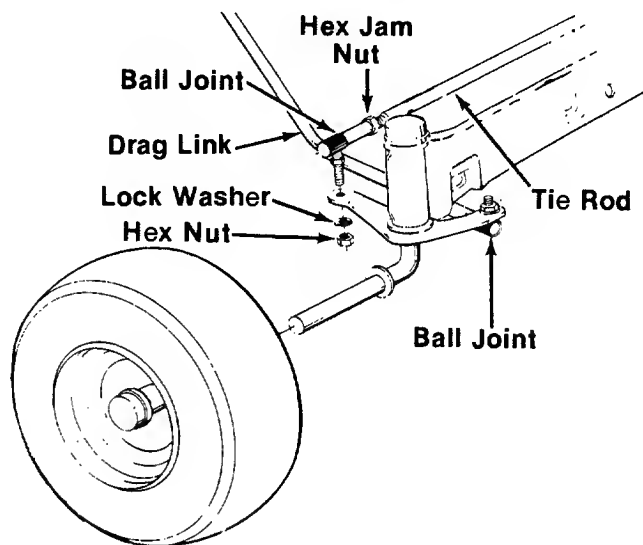


FIGURE 17.

ENGINE

Refer to separate engine manual for all engine maintenance procedures.

MAINTENANCE OF BATTERY

1. Check electrolyte level periodically (at least every two weeks). Keep the level to the split rings. Use only distilled water or a good quality drinking water. Never add acid or any other chemicals to the battery after initial activation.
2. The battery should be checked with a hydrometer after every 25 hours of operation. If the specific gravity is less than 1.225, the battery should be recharged. Maximum charge rate 5 AMPS.
3. Coat the terminals and exposed wire with a thin coat of grease or petroleum jelly for longer service and protection against corrosion.
4. The battery should be kept clean. Any deposits of acid should be neutralized with soda and water. Be careful not to get this solution in the cells.

5. Avoid tipping the battery. Even a "sealed" battery will leak electrolyte when tipped.

STORAGE OF THE BATTERY

1. Charge battery using normal methods. NEVER store discharged battery as it will not recover.
2. When storing battery for extended periods, disconnect battery cables. Removing battery from unit is recommended.
3. Store in cold, dry place.
4. Recharge battery whenever the specific gravity is less than 1.225, before returning to service, or every two months, whichever occurs first.

COMMON CAUSES FOR BATTERY FAILURE

1. Overcharging
2. Undercharging
3. Lack of water
4. Loose hold downs and/or corroded connections
5. Excessive loads
6. Battery electrolyte substitutes
7. Freezing of electrolyte



NOTE

These failures do not constitute warranty.

BATTERY REMOVAL OR INSTALLATION



WARNING

When removing the battery, follow this order of disassembly to prevent your wrench from shorting against the frame.

1. Remove the Negative cable.
2. Remove the Positive cable.

To install a battery:

1. Attach the Positive cable.
2. Attach the Negative cable.

JUMP STARTING

1. Attach the first jumper cable from the Positive terminal of the good battery to the Positive terminal of the dead battery.
2. Attach the second jumper cable from the Negative terminal of the good battery to the FRAME OF THE UNIT WITH THE DEAD BATTERY.



WARNING

Failure to use this starting procedure could cause sparking, and the gases in either battery could explode.

INSTALLATION OF TIRE TO RIM



WARNING

The following procedure must be followed when removing or installing a tire to the rim.

1. Be sure rim is clean and rust free.
2. Lubricate both the tire and rim generously.
3. Never inflate to over 30 p.s.i. to seat beads. Excessive inflation pressure when seating beads may cause tire/rim assembly to burst with force sufficient to cause serious injury.

BELT REMOVAL AND REPLACEMENT

Changing the Front Drive Belt

1. If a cutting deck is attached to your tractor, remove it. Remove the battery.
2. Raise and block the front wheels of the tractor so you can work under it.
3. Unscrew the belt guard release next to the engine pulley. See figure 18.

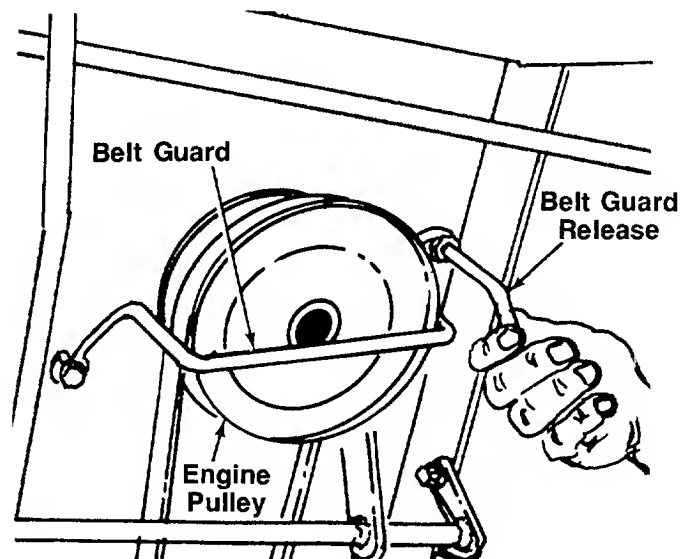


FIGURE 18.

4. Swing the belt guard forward towards the front of the tractor.



WARNING

Observe the way the belt is twisted. If the new belt is installed backwards, the tractor will run backwards.

5. Using a bar or large screwdriver, pry the pulley assembly towards the front of the tractor and unhook the belt from the pulley. See figure 19.

6. Install the new belt by hooking it over the engine pulley and twisting the belt to the left as you attach it to the pulley.
7. Test the operation of the tractor to make certain the belt has been installed correctly.

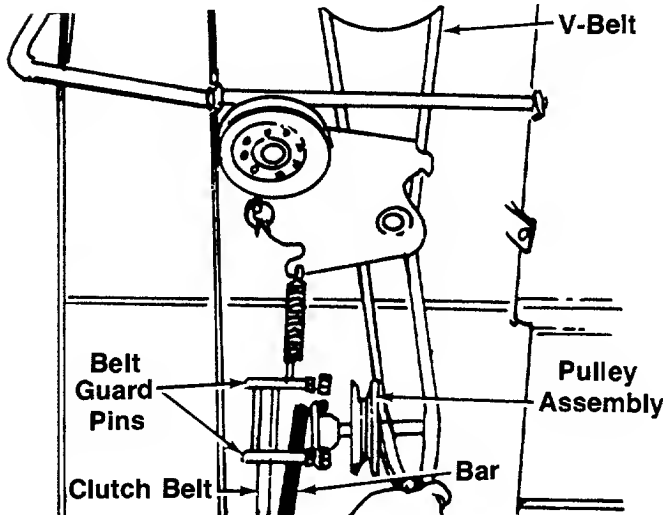


FIGURE 19.

Removing the Rear (Clutch) Belt

1. If a cutting deck is attached to your tractor, remove it. Remove the battery.
2. Raise and block the front wheels of the tractor so you can work under it.
3. Depress the clutch-brake pedal and set the parking brake.
4. Remove the two belt guard pins on the pulley assembly. See figure 19.
5. Take off the idler assembly by removing the center bolt.

NOTE

Be sure the belt clip is reassembled the same way. See figure 20.

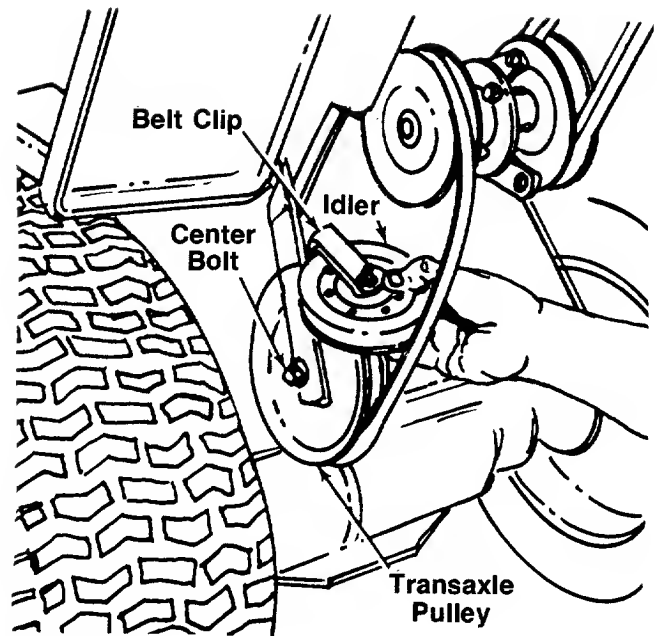


FIGURE 20.

6. Remove the center bolt and slide the transaxle pulley off. See figure 20.
7. Reassemble in reverse order with a new V-belt.

OFF-SEASON STORAGE

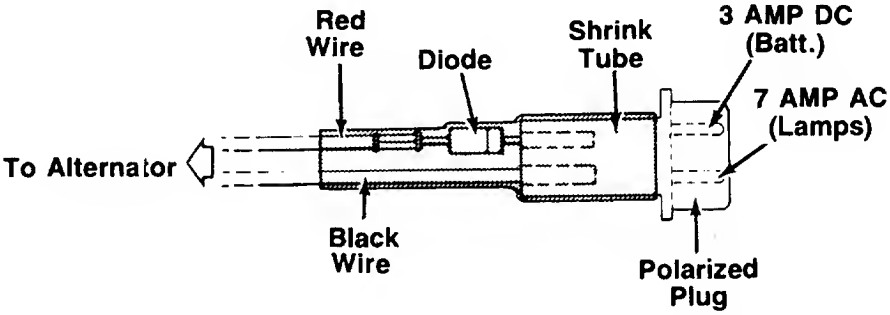
If the machine is to be inoperative for a period longer than 30 days, prepare for storage as follows.

1. Clean the engine and the entire unit thoroughly.
2. Lubricate all lubrication points. Wipe the entire machine with an oiled rag to protect the surfaces.
3. Refer to the engine manual for correct engine storage instructions. The engine must be completely drained of fuel to prevent gum deposits from forming on essential carburetor parts, fuel lines and fuel tanks.
4. Refer to battery storage instructions on page 16.
5. Store unit in a clean, dry area.

NOTE

When storing any type of power equipment in an unventilated or metal storage shed, care should be taken to rustproof the equipment. Using a light oil or silicone, coat the equipment, especially any chains, springs, bearings and cables.

TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

TROUBLE	LOOK FOR	REMEDY
Engine will not crank	Battery installed incorrectly	The battery must be installed with the negative terminal, identified at the terminal post by (Neg, N or -), grounded. The positive terminal (Pos, P or +) attaches to the large cable from the solenoid. The small red wire from the fuse holder or circuit breaker is also attached to the positive terminal.
	Blown fuse or circuit breaker	Replace fuse with 7½ amp. fuse ¼ x 1¼" lg. Circuit breaker will reset itself when it cools off. Fuses or circuit breakers seldom open or fail without a reason. The problem must be corrected. Check for loose connections in the fuse holder. Replace fuse holder if necessary. A dead short may be in the cranking or charging circuit where the insulation may have rubbed through and exposed the bare wire. Replace the wire or repair with electrician's tape if the wire strands have not been damaged. Note: Look for a wire pinched between body panels, burned by the exhaust pipe or muffler or rubbed against a moving part.
	Battery is dead or weak	<p>Use a hydrometer to check the condition of the battery. The Specific Gravity (s.g.) should be 1.265 at 80°F. (1.215 s.g. minimum needed for cranking engine). The reason for the battery failing must be determined. 1) Defective battery. Battery will not accept or hold a full charge. (2) Short circuit. Check for grounded wire. (3) Charging system not working.</p> <p>The charging system is an alternator located under the flywheel. It is unregulated and rated 3 amp. at 3600 r.p.m. A diode (rectifier) is located in the output lead just before the wire harness plug on the engine side.</p> <div style="text-align: center;">  <p>The diagram shows a cross-section of the wiring harness. On the right, a 'Polarized Plug' is shown with two terminals: '3 AMP DC (Batt.)' and '7 AMP AC (Lamps)'. A 'Red Wire' is connected to the 3 AMP DC terminal, passes through a 'Diode' and a 'Shrink Tube', and then continues as a 'Black Wire' towards the 'To Alternator' connection on the left.</p> </div> <p>The diode changes A.C. to D.C. to charge the battery. A bad diode can either fail to charge the battery or discharge the battery if the alternator is shorted as well as the diode. To test: (1) Disconnect charger lead from the battery (small red wire). (2) Connect 12 V small test lamp between the 3 amp. D.C. charge lead and the positive terminal of the battery. (3) With the engine off, the lamp should not light. If it does, the diode and possibly the alternator should be replaced. (4) Start the engine. The lamp should light. If it does not, the alternator (stator) or lead wire is bad and should be replaced.</p>
	Mechanical failure (Wires and switches)	The interlock system includes two mechanical activated switches which are wired in series in the circuit used to energize the starter solenoid. While testing the interlock system, you will make the mower temporarily unsafe by permitting the engine to be started with the blade and clutch engaged. WARNING: While testing, disengage the clutch, shut off the blade control, set the parking brake and place the gear shift lever in neutral. Attach a wire (minimum 18 gauge) to the positive terminal of the battery and touch the other end to the small terminal on the solenoid. If the engine does not crank: (1) There is a loose connection or poor ground. (2) The solenoid may be bad. The solenoid can be checked by using a heavy wire (#8 gauge minimum) and jumping between the two large terminals. If the engine cranks, the solenoid is bad. (3) If the engine does not crank when you jump the solenoid, have the starter motor tested by an authorized engine dealer. If the engine does crank, the problem is with one of the safety switches, ignition switch or the wire between the fuse holder (or circuit breaker) and the small terminal on the solenoid. Note: Look for a poor connection at the switches or a defective switch. Replace if necessary.
Engine cranks but will not start	Throttle or choke not in starting position	Check owner's guide for correct position for throttle control and choke for starting.
	No spark to spark plug	<p>Spark plug lead disconnected. Connect lead. Hold spark plug lead away from engine block about 1/8". Crank engine. There should be a spark. If not, have engine repaired at authorized engine service dealer.</p> <p>Faulty spark plug. To test, remove spark plug. Attach spark plug lead to spark plug. Ground the spark plug body against the engine block. Crank the engine. The spark plug should fire at the electrode. Replace if it does not.</p>

TROUBLE SHOOTING CHART FOR ELECTRIC START MODELS

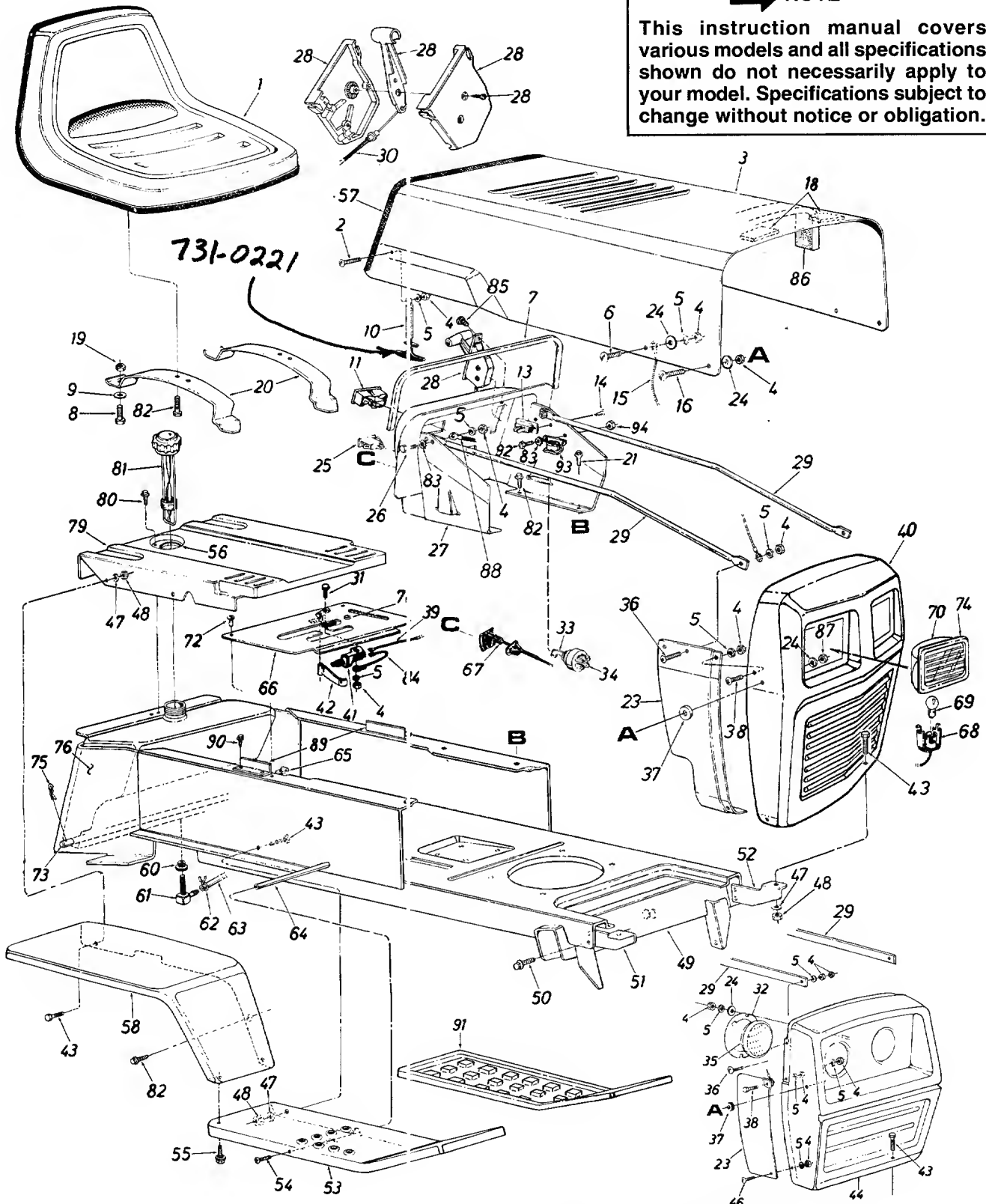
TROUBLE	LOOK FOR	REMEDY
	No fuel to the carburetor	Gasoline tank empty. Fill. Fuel line or in-line fuel filter plugged. Remove and clean fuel line. Replace filter if necessary.
	Air filter dirty	If the air cleaner is dirty, the engine may not start. Clean or replace as recommended by the engine manufacturer.
Engine smokes	Engine loses crankcase vacuum	Dipstick not seated or broken. Replace defective part. Engine breather defective. Replace.
Excessive vibration	Bent or damaged blade spindle	Stop engine immediately. Check all pulleys, blade adapters, keys and bolts for tightness and damage. Tighten or replace any damaged parts.
	Bent blade	Stop engine immediately. Replace damaged blade. Only use original equipment blades.
Mower will not discharge grass or leaves uncut strips	Engine speed low Transmission selection Blades short or dull	Throttle must be set between 3/4 and full throttle. Use lower transmission speed. The slower your ground speed, the better the quality of cut. Sharpen or replace blades (uncut strip problem only).

Models 802, 807, 812, 817, 822 and 827



NOTE

This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.



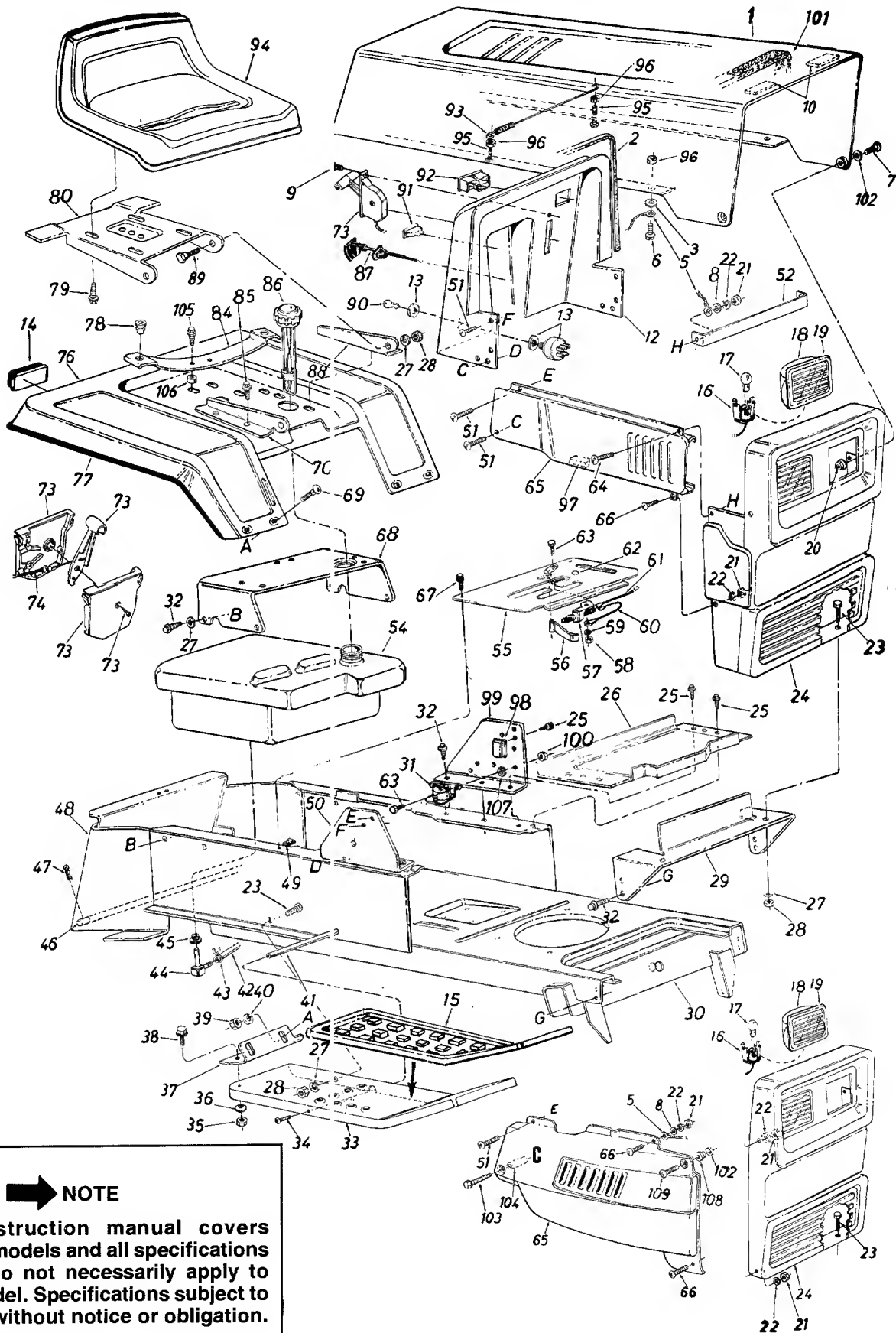
† Used with Reference Number 40 (Models 802, 812 and 822).
 †† Used with Reference Number 44 (Models 807, 817 and 827).

Models 802, 807, 812, 817, 822 and 827

PARTS LIST FOR MODELS 802, 807, 812, 817, 822 AND 827 GARDEN TRACTORS

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	757-0336	638	Seat Assembly		46	710-0286		Truss Mach. Scr. 1/4-20 x .50" Lg.*	
2	710-0286		Truss Mach. Scr. 1/4-20 x .50" Lg.*		47	736-0119		L-Wash. 5/16" I.D.*	
3	13808		Hood		48	712-0267		Hex Nut 5/16-18 Thd.*	
4	712-0287		Hex Nut 1/4-20 Thd.*		49	13820		Lower Frame Ass'y.	
5	736-0329		L-Wash. 1/4" I.D.*		50	710-0726		Hex Thd. Rolling Scr. 5/16" x .75" Lg.	
6	710-0286		Truss Mach. Scr. 1/4-20 x .50" Lg.*		51	17004		Grille Mount Brkt.—R.H.†	
7	731-0511		Vinyl Molding Strip—29"			13862		Grille Mount Brkt.—R.H.††	
8	710-0689		Hex Nylon Scr. 1/2-13 x .75" Lg.		52	17005		Grille Mount Brkt.—L.H.†	
9	736-0192		Fl-Wash. .50" I.D. x 1.00" O.D. x .090		53	13828	638	Grille Mount Brkt.—L.H.††	
10	723-0296		Hood Latch Ass'y.			13827	638	Running Board—R.H.	
11	725-0925		Ammeter					Running Board—L.H. (Not Shown)	
13	725-0459		Circuit Breaker 8 Amp.	54	710-0323			Truss Mach. Scr. 5/16-18 x .75" Lg.*	
14	710-0599		Hex Tap Scr. #10 x .50"		55	710-0726		Hex Thd. Rolling Scr. 5/16-24 x .75" Lg.	
15	727-0199		Hood Stop		56	735-0179		Grommet (Gas Tank Neck)	
16	710-0255		Truss Mach. Scr. 1/4-20 x .75" Lg.*		57	731-0511-31		Vinyl Moulding Strip—31"	
18	722-0157		PVC Foam Strip		58	13810	638	Fender Ass'y.—R.H.	
19	712-0206		Hex Nut 1/2-13 Thd.*			13809	638	Fender Ass'y.—L.H. (Not Shown)	
20	13123		Seat Spring		60	735-0149		Bushing (Gas Tank)	
21	710-0599		Hex Thd. Rolling Scr. 1/4" x .50" Lg.		61	751-3054		90° Nipple	
23	16622	638	Grille Side Panel—R.H.†		62	726-0207		Hose Clamp 3/8"	
	16621	638	Grille Side Panel—L.H.† (Not Shown)		63	751-0173-46		Gas Line 46" Lg.	
	14748	638	Grille Side Panel—R.H.††		64	738-0435		Running Board Rod	
	14749	638	Grille Side Panel—L.H.†† (Not Shown)		65	712-0147		Speed Nut #10-24	
24	736-0173		Fl-Wash. 1/4" I.D.		66	14466		Transmission Cover Ass'y.	
25	725-0634		Light Switch		67	746-0613		Choke Control Comp.	
26	710-0166		Truss Hd. Scr. 1/4-20 x 1.00" Lg.*		68	725-1058		Socket†	
27	16325		Dash Panel Ass'y.		69	725-0963		Lamp†	
28	831-0823		Throttle Control Box Comp.		70	731-0705		Headlight Housing†	
29	749-0720		Grille Positioning Rod†		71	731-0405		Snap Bushing	
	749-0651		Grille Positioning Rod††		72	710-0351		Truss Hd. Scr. #10 x .50"	
30	746-0634		Throttle Control Cable		73	738-0482		Hitch Rod	
31	710-0289		Hex Bolt 1/4-20 x .50" Lg.*		74	731-0706		Lenst†	
32	09960		Head Lamp Retainer††		75	714-0147		Internal Cotter Pin	
33	725-0201		Ignition Key		76	751-0259		Gas Tank	
34	725-0267		Ignition Switch		79	13814		Seat Plate	
35	725-0222		Head Lamp††		80	710-0726		Hex Thd. Rolling Scr. 5/16-24 x .75" Lg.	
36	710-0255		Truss Machine Scr. 1/4-20 x .75" Lg.*		81	723-0346		Gas Gauge	
37	735-0144		Rubber Washer		82	710-0726		Hex Thd. Rolling Scr. 5/16-24 x .75" Lg.	
38	710-0286		Truss Mach. Scr. 1/4-20 x .50" Lg.*		83	736-0222		External Wash. 1/4" I.D.	
39	725-0765		Reverse Lockout Wire Harness		84	725-0765		Electric Wire	
40	17026		Grille (802, 812 & 822)		85	710-0779		Truss Mach. AB-Tap Scr. #10 x .50" Lg.	
41	725-0268		Safety Switch		86	722-0138		PVC Foam Strip	
42	732-0405		Switch Actuator Spring Lever		87	712-0107		Hex L-Nut 1/4-20 Thd.	
3	710-0118	638	Hex Bolt 5/16-18 x .75" Lg.*		88	725-0996		Ground Wire†	
4	13801		Grille (Painted) (807, 817 & 827)		89	13831		Seat Spring Guide	
			Grille (Chrome) (807, 817 & 827)		90	710-0776		Hex AB-Tap Scr. 1/4 x .625" Lg.	
	14226				91	731-0755		Foot Pad (Optional)	
					92	710-0289		Hex Bolt 1/4-20 x .5" Lg.*	
					93	725-0771		Solenoid	
					94	712-0271		Hex Sems Nut 1/4-20 Thd.	

Models 803, 808, 813, 818, 823 and 828



NOTE

This instruction manual covers various models and all specifications shown do not necessarily apply to your model. Specifications subject to change without notice or obligation.

Models 803, 808, 813, 818, 823 and 828

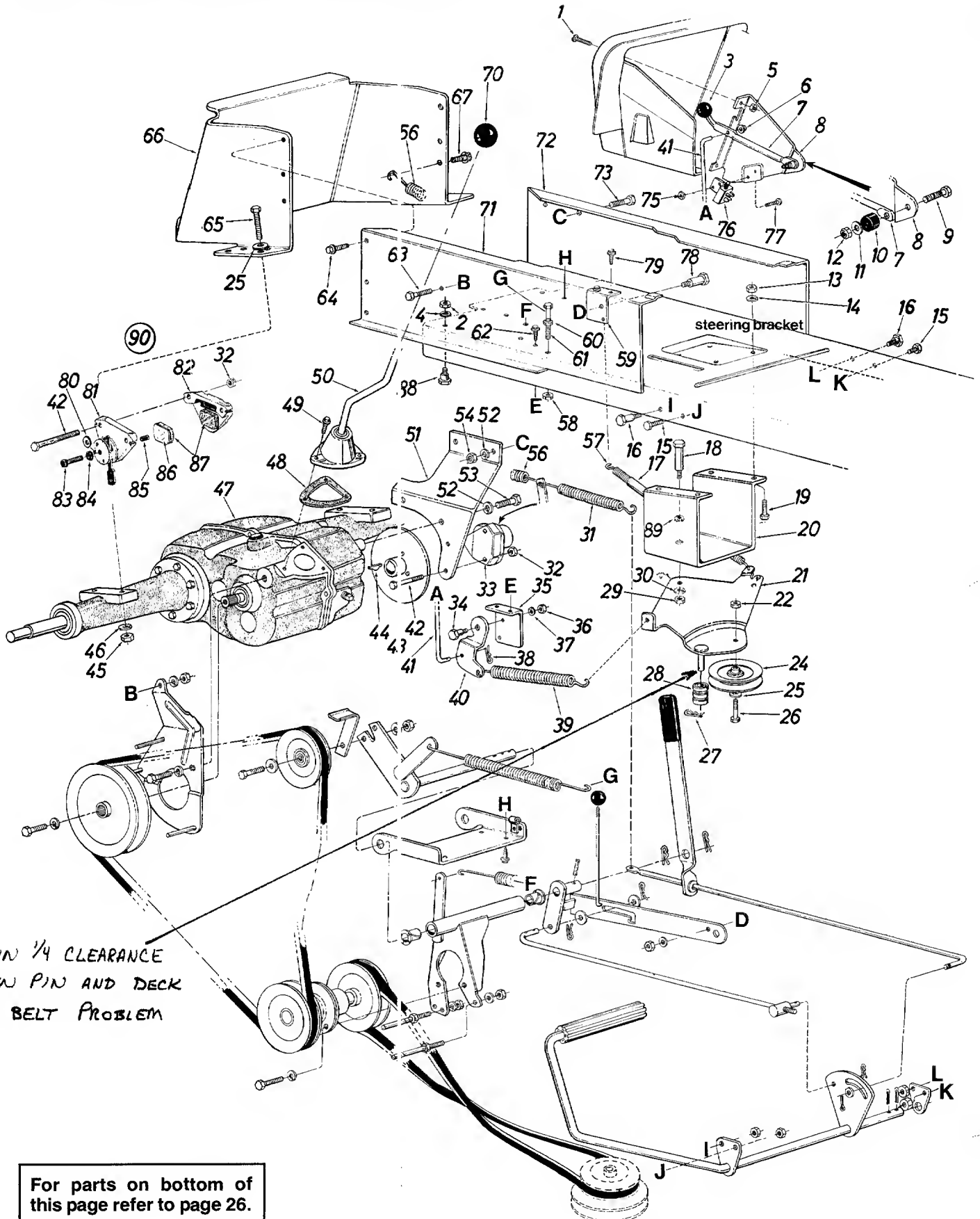
PARTS LIST FOR MODELS 803, 808, 813, 818, 823 AND 828 GARDEN TRACTORS

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	15808	638	Hood		55	15831		Transmission Cover Ass'y.	
2	731-0511-31		Trim Strip—31" Lg.		56	732-0405		Switch Actuator Lever	
3	736-0931		Fl-Wash. .20" I.D. x .41"		57	725-0268		Safety Switch	
5	727-0290		Hood Stop		58	712-0287		Hex Nut 1/4-20 Thd.*	
6	710-0749		Truss Hd. Mach. Scr. #10-24 x 1.0" Lg.*		59	736-0329		L-Wash. 1/4" I.D.*	
7	738-0724		Shld. Bolt .375 Dia. x .125†		60	725-0765		Electric Wire	
8	736-0463		Fl-Wash. 1/4" I.D.*		61	725-1134		Reverse Lockout Wire Harness	
9	710-0779		Truss Mach. AB-Tap Scr. #10 x .50" Lg.		62	731-0405		Snap Bushing	
10	722-0155		Foam Strip		63	710-0289		Hex Bolt 1/4-20 x .50" Lg.*	
12	16550	638	Dash Ass'y.		64	710-0255		Truss Hd. Scr. 1/4-20 x .75" *	
13	725-0267		Ignition Switch		65	16469	638	Side Panel—R.H.†	
14	730-0116		Reflector (Optional)			15815	638	Side Panel—L.H. (Not Shown)†	
15	731-0755		Foot Pad (Optional)			17308		Side Panel—R.H.††	N
16	725-1058		Socket			17309		Side Panel—L.H. (Not Shown)††	N
17	725-0963		Lamp		66	710-0286		Truss Mach. Scr. 1/4-20 x .50" Lg.*	
18	731-0705		Headlight Housing		67	710-0351		Truss Mach. "B" Tap Scr. #10 x .50" Lg.	
19	731-0706		Lens		68	15849		Seat Mounting Channel	
20	712-0380		L-Nut 1/4-28 Thd.		69	710-0167		Carriage Bolt 1/4-20 x .50" *	
21	712-0287		Hex Nut 1/4-20 Thd.*		70	15802		Seat Bracket—R.H.	
22	736-0329		L-Wash. 1/4" I.D.*		73	831-0823		Throttle Control Box Ass'y.	
23	710-0118		Hex Bolt 5/16-18 x .75" Lg.*		74	746-0634		Throttle Control Wire	
24	15804 15806	638	Grille† 15804 15806		76	15886	638	Rear Fender	
25	710-0599		Hex Wash. Hd. Scr. 1/4" x .50" Lg.		77	731-0511-81		Trim Strip—81" Lg.	
26	13379		Battery Plate		78	731-0555		Grommet	
27	736-0119		L-Wash. 5/16" I.D.*		79	710-0623		Hex Wash. Hd. AB-Tap Scr. 3/8 x .75" Lg.	
28	712-0267		Hex Nut 5/16-18 Thd.*		80	15607		Seat Pivot Bracket	
29	15825		Grille Mounting Bracket		84	732-0431		Seat Spring	
30	13820		Lower Frame Ass'y.		85	710-0607		Hex Wash. Hd. Self-Tap Scr. 5/16-18 x .50" Lg.	
31	725-0771		Solenoid		86	751-0370		Gas Cap w/Gauge	
32	710-0726		Hex Thd. Rolling Scr. 5/16-24 x .75" Lg.		87	746-0613		Choke Control Comp.	
33	13828		Running Board—R.H.		88	15803		Seat Bracket—L.H.	
	13827		Running Board—L.H. (Not Shown)		89	738-0155		Shld. Bolt .437" Dia. x .162"	
34	710-0323		Truss Mach. Scr. 5/16-18 x .75" Lg.*		90	725-0201		Ignition Key	
35	712-0267		Hex Nut 5/16-18 Thd.*		91	725-0634		Light Switch	
36	736-0242		Bell-Wash. .34" I.D. x .87"		92	725-0925		Ammeter	
37	15846		Fender Brkt.—R.H.		93	732-0462		Hood Spring	
	15847		Fender Brkt.—L.H. (Not Shown)		94	757-0336		Seat Ass'y.	
38	710-0118		Hex Bolt 5/16-18 x .75" Lg.*		95	710-0749		Hex Bolt #10-24 x 1.0" Lg.*	
39	712-0287		Hex Nut 1/4-20 Thd.*		96	712-0272		Hex Sems Nut #10 x .24 Thd.	
40	736-0329		L-Wash. 1/4" I.D.*		97	735-0244		Rubber Strip 1/2" Sq. x 2 1/2"	
41	738-0435		Running Board Rod		98	725-0459		Circuit Breaker	
42	751-0173		Fuel Line 40" Lg.		99	15829		Dash Support Brkt.—L.H.	
43	726-0207		Hose Clamp 3/8"		100	712-0271		Hex Sems Nut 1/4-20 Thd.	
44	751-3054		90° Nipple		101	722-0138		PVC Foam Strip	
45	735-0149		Bushing (Fuel Tank)		102	736-0413		Washer .34" I.D. x .62" O.D.	
46	738-0482		Hitch Rod		103	710-1026		Hex HD. Tap Scr. 1/4-20 x 1.75" Lg.††	
47	714-0147		Internal Cotterpin		104	750-0583		Spacer .255" I.D.††	
48	13813	638	Hitch Plate		105	710-0817		Hex Tap Scr. 5/16-18 x 1.25" Lg.	
49	726-0139		Speed Nut		106	750-0706		Spacer .38" I.D.	
50	15828		Dash Support Brkt.—R.H.		107	736-0222		Ext. L-Wash. .44" I.D.	
51	710-0642		Hex Wash. Hd. Tap Scr. 1/4 x .75" Lg.		108	738-0759		Shld. Spacer .125" Lg.††	
52	15931		Tie Strap†		109	710-0166		Truss HD. Scr. 1/4-20 x 1.0" Lg.††	
54	751-0367		Fuel Tank						

†Models 803, 813 and 823 Only.

††Models 808, 818 and 828 Only.

Models 802 thru 828



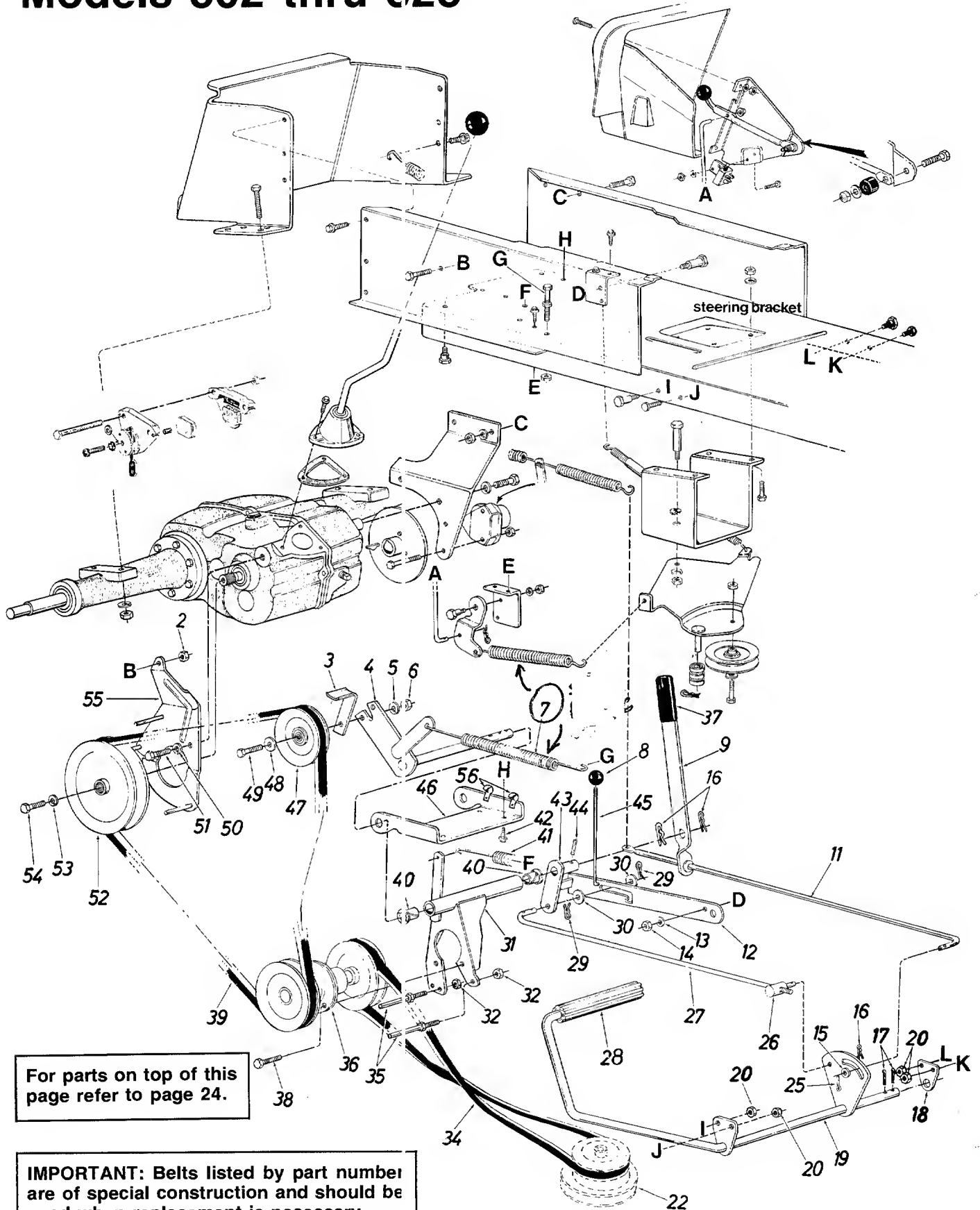
Models 802 thru 828

PARTS LIST FOR MODELS 802 THRU 828 GARDEN TRACTORS

NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	710-0286		Truss Mach. Scr. 1/4-20 x .50" Lg.*		46	736-0105		Bell-Wash. .40" I.D.	
2	712-0287		Hex Nut 1/4-20 Thd.*		47	—		Transaxle (See Breakdown)	
3	720-0165		Knob—Blade Clutch		48	—		Part of Ref. No. 47	
4	736-0329		L-Wash. 1/4 I.D.*		49	—		Part of Ref. No. 47	
5	712-0271		Hex Sems Nut 1/4-20 Thd.*		50	—		Part of Ref. No. 47	
6	726-0106		Push Cap 1/4" Rod		51	13012		Transaxle Support	
	720-0210		T Knob		52	736-0169		L-Wash. 3/8" Scr.*	
7	747-0157		Blade Clutch Lever		53	710-0216		Hex Scr. 3/8-16 x .75" Lg.*	
8	13950		Deck Clutch Control Brkt.		54	712-0375		Hex L-Nut 3/8-16 Thd.	
9	710-0106		Hex Scr. 1/4-20 x 1.25" Lg.*		56	732-0157		Ext. Spring—Brake Return	
10	735-0126		Rubber Wash. .330 I.D. x .87		57	732-0308		Ext. Spring—Deck Idler	
11	736-0173		FI-Wash. 1/4" I.D. x .75" O.D. x .057		58	712-0158		Return	
					59	13833		Hex L-Nut 5/16-18 Thd.	
12	712-0107		Hex Cent. L-Nut 1/4-20 Thd.					Parking Brake Cam Mtg.	
13	712-0267		Hex Nut 5/16-18 Thd.*					Brkt.	
14	736-0119		L-Wash. 5/16" I.D.*		60	712-0267		Hex Nut 5/16-18 Thd.*	
15	710-0201		Hex Bolt 3/8-16 x .62" Lg.*		61	710-0442		Hex Bolt 5/16-18 x 1.5" Lg.*	
16	738-0143		Shld. Bolt 1/2" Dia. x .335 Lg. 3/8-16		62	710-0599		Hex Thd. Rolling Scr. 1/4-20 x .50" Lg.	
17	731-0483		Convoluted Conduit .50 I.D. x 4" Lg.		63	710-0216		Hex Bolt 3/8-16 x .75" Lg.*	
18	738-0155		Shld. Bolt 7/16 Dia. x .16" 5/16-18		64	710-0726		Hex AB-Tap Scr. 5/16 x .75" Lg.	
19	710-0376		Hex Bolt 5/16-18 x 1.00" Lg.*		65	710-0344		Hex Scr. 3/8-16 x 1.50" Lg.*	
	13826		Idler Mtg. Brkt.—Deck		66	13813		Hitch Plate	
	13893		Idler Brkt. Ass'y.		67	710-0601		Hex Thd. Rolling Scr. 5/16-24 x .75" Lg.	
20	712-0181		Hex L-Nut 3/8-16 Thd.*		70	720-0165 720-0232		Knob—Transaxle	
21	756-0293		4"—"V" Idler Pulley			720-0217 720-0218		T Knob	
22	736-0300		FI-Wash. 3/8" I.D.		71	13848		Side Panel Upper Frame—R.H.	
23	710-0342		Hex Bolt 3/8-16 x 1.25" Lg.*		72	16445 16443		Side Panel Upper Frame—L.H.	
24	714-0104		Hairpin Cotter 5/16" Rod		73	710-0216		Hex Bolt 3/8-16 x .75" Lg.*	
25	748-0278		Spacer		75	712-0121		Hex Nut #10-24 Thd.*	
26	712-0267		Hex Nut 5/16-18 Thd.*		76	725-0465		Safety Switch (Deck)	
27	736-0119		L-Wash. 5/16" Scr.*		77	710-0473		Truss Mach. Scr. #10-24 x .50" Lg.*	
28	732-0260		Ext. Spring—Brake Rod		78	738-0155		Shld. Bolt 7/16" Dia. x .16" Lg. 5/16-18	
29	712-0375		Hex Cent. L-Nut 3/8-16 Thd.		79	710-0599		Hex Thd. Rolling Scr. 1/4-20 x .50" Lg.	
30	761-0178		Disc Brake Caliper Ass'y.		80	HU-20-9764		Washer	
31	738-0155		Shld. Scr. 7/16" Dia. x .16" Lg. 5/16-18		81	HUBOO3770066		Housing with Lever & Pin	
32	13833		Parking Brake Cam Mtg. Brkt.		82	HU-16-13807		Anvil	
33	712-0267		Hex Nut 5/16-18 Thd.*		83	HU-39-13775		Pin, Adjuster	
34	736-0119		L-Wash. 5/16" I.D.*		84	HU-37-13818		Nut	
35	714-0104		Hairpin Cotter 5/16" Dia.		85	HU-39-13774		Pin, Actuator	
36	732-0478		Ext. Spring—Deck Control		86	HU-25-13808		Backing Plate	
37	13887		Deck Control Pivot Brkt.		87	HU-24-13772		Lining	
38	747-0307		Deck Control Rod		88	738-0255		Shld. Bolt .375" Dia. x .180" Lg. 1/4-20 Thd.	
39	710-0937		Hex Bolt 3/8-16 x 2.50" Lg.*		89	736-0141		Wave Washer	
40	761-0142		Hub & Disc Ass'y. (For Brake)		90	761-0178		Disc Brake Ass'y. Comp.	
41	714-0137		Hi-Pro Key 3/16 x 3/4" Lg.						
42	712-0798		Hex Nut 3/8-16 Thd.*						

*For faster service obtain standard nuts, bolts and washers locally.
If these items cannot be obtained locally, order by part number and size shown on parts list.

Models 802 thru 828



Models 802 thru 828

PARTS LIST FOR MODELS 802 THRU 828 GARDEN TRACTORS

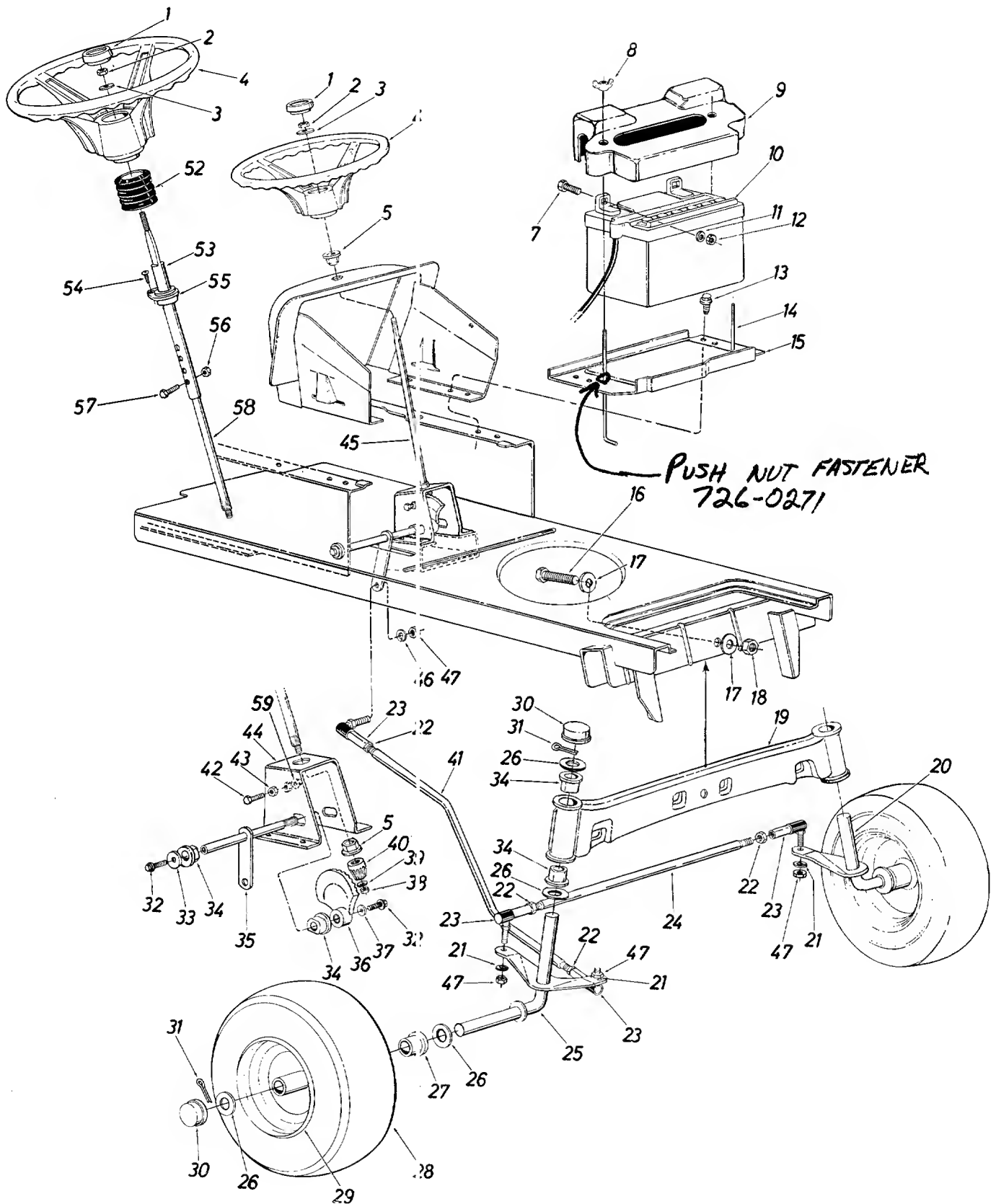
REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
2	712-0375		Hex L-Nut 3/8-16 Thd.		32	712-0181		Hex Top L-Nut 3/8-16 Thd.	
3	13819		Belt Guard (Clutch Idler)		34	754-0245		"V"-Belt	
4	13815		Clutch Brkt. Ass'y.		35	711-0696		Stud 3/8-16 x 3.62" Lg.	
5	736-0169		L-Wash. 3/8" I.D.*					Special	
6	712-0798		Hex Nut 3/8-16 Thd.*		36	756-0324		Jack Shaft Ass'y.	
7	732-0384		Ext. Spring (Drive Idler)		37	720-0189		Flat Grip	
8	720-0166		Knob (Parking Brake)		38	710-0198		Hex Sem Scr. 5/16-18 x .75" Lg.*	
9	13872		Hand Brake Lever					"V"-Belt	
11	747-0304		Brake Rod		39	754-0244		Nyliner 5/8" I.D. x .88" Lg.	
12	13832		Parking Brake Cam		40	741-0295		Ext. Spring (Jack Shaft)	
13	736-0119		L-Wash. 5/16" I.D.*		41	732-0153		Hex Thd. Rolling Scr. 1/4-20 x .50" Lg.	
14	712-0267		Hex Nut 5/16-18 Thd.*		42	710-0599		Clutch-Idler Horn Ass'y.	
15	736-0275		Fl-Wash. 5/16" I.D.					Spring Pin Spiral 1/4" Dia. x 1.00" Lg.	
16	714-0145		Hairpin Cotter 3/8" Rod		43	13871		Parking Brake Link	
17	714-0115		Cotter Pin 1/8" Dia. x 1.00" Lg.*		44	715-0108		Idler Mtg. Brkt.—Drive	
18	13859		Clutch Rod Brg. Brkt.		45	747-0300		4" "V"-Idler Pulley	
19	13856		Clutch—Brake Pedal Ass'y.		46	13822		Fl-Wash. 3/8" I.D.	
20	712-0375		Hex Cent. L-Nut 3/8-16 Thd.*		47	756-0293		Hex Bolt 3/8-16 x 1.75" Lg.*	
22	756-0328		Engine Pulley 4.75 & 5.56		48	736-0300		L-Wash. 3/8" I.D.*	
25	714-0507		Cotter Pin 3/32" Dia. x .75" Lg.*		49	710-0347		Hex Bolt 3/8-16 x .75" Lg.*	
26	711-0198		Pivot Bushing		50	736-0169		"V"-Pulley 7.0" O.D.	
27	747-0306		Brake Cam Rod		51	710-0216		(Transaxle)	
28	735-0196		Foot Pad		52	756-0332		L-Wash. 3/8" I.D.*	
29	714-0145		Hairpin Cotter 3/8" Rod		53	736-0169		Hex Scr. 3/8-24 x .75" Lg.*	
30	736-0101		Fl-Wash. 3/8" I.D. x 1.00" O.D. x .030		54	710-0180		Belt Guard Ass'y.	
31	13823		Jack Shaft Mtg. Brkt. Ass'y.		55	13829		Plastic Hose Clamp	
					56	726-0193			

OPTIONAL EQUIPMENT

At the time of manufacture of garden tractor, the following optional equipment is available.

Description	Model No.	Description	Model No.
38" Side Discharge Deck	190-765-000	Core Aerator	190-901-000
44" Rear Discharge Deck	190-931-000	Electric Lift Kit	190-749-000
44" Side Discharge Deck	190-935-000	Sleeve Hitch	190-929-000
46" Side Discharge Deck	190-806-000	28" Tiller Attachment	190-746-000
Grass Collector		40" 8 HP Tiller Attachment	190-766-000
(Used w/46" Deck)	190-083-000	10" Plow	190-978-000
40" Snow Thrower	190-930-000	Single Disc Harrow	190-980-000
48" Dozer Blade	190-940-000	Row Cultivator	190-984-000
Gang Reel (Set of three)	190-466-000	Front Counterweight	190-925-000
38" Lawn Sweeper	190-483-000	50 Lb. Wheel Weights (pair)	190-784-000
Lawn Roller	190-660-000	Ag Tires—23 x 10.5 (pair)	190-859-000
Dump Cart	190-653-000	Tire Chains—23 x 9.5	190-964-000
Spike Aerator	190-655-000		

Models 802 thru 828



Models 802 thru 828

PARTS LIST FOR MODELS 802 THRU 828 GARDEN TRACTORS

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	731-0220		Steering Wheel Cap		30	731-0484		Dust Cover	
2	712-0237		Hex Cent. L-Nut 5/16-24 Thd.		31	714-0121		Cotter Pin 5/32" Dia. x 1.00" Lg.*	
3	736-0242		Bell-Wash. 5/16" I.D. x .87" O.D. x .060		32	710-0180		Hex Bolt 3/8-24 x .75" Lg. Grade 5	
4	731-0806		Steering Wheel		33	736-0133		Fl-Wash. 3/8 I.D. x 1.25 O.D. x .090	
5	741-0225		Plastic Hex Bearing 5/8" I.D.		34	741-0199		Flange Double "D" Brg. .753 I.D.	
7	710-0258		Hex Bolt 1/4-20 x .62" Lg.		35	12749		Steering Arm Shaft Ass'y.	
8	712-0113		Wing Nut Plastic 1/4-20 Thd.		36	748-0236		Side Gear—Steering	
9	731-0707		Battery Cover		37	736-0105		Bell-Wash. 3/8" I.D.	
10	725-0453		12-V Battery		38	712-0237		Hex Cent. L-Nut 5/16-24 Thd.	
11	736-0329		L-Wash. 1/4" I.D.*		39	736-0264		Fl-Wash. 5/16" I.D. x .62 O.D. x .059	
12	712-0287		Hex Nut 1/4-20 Thd.*		40	748-0237		Pinion Gear—Steering	
13	710-0599		Hex Thd. Rolling Scr. 1/4-20 x .50" Lg.		41	747-0302		Drag Link	
14	711-0222		Battery Hold Down Rod		42	710-0342		Hex Cap Scr. 3/8-16 x 1.25" Lg.	
15	13379		Battery Plate		43	712-0798		Hex Nut 3/8-16 Thd.*	
16	710-0533		Hex Bolt 5/8-18 x 2.5" Lg.*		44	12850		Steering Gear Sup. Ass'y.	
17	736-0282		Flat Wash. .66" I.D. x 2.25" O.D. x .17		45	738-0697		Steering Shaft (802, 807, 812, 817, 822 & 827)	
18	712-0923		Hex Cent. L-Nut 5/8-18 Thd.		46	736-0169		L-Wash. 3/8" I.D.*	
19	13865		Front Pivot Bar Ass'y.		47	712-0241		Hex Nut 3/8-24 Thd.*	
20	13839		Front Axle Ass'y.—L.H.		52	731-0559		Steering Bellow	
	17268		Front Axle Ass'y.—L.H. <i>R.H.</i> (Used w/15" Wheel, 46" Deck Only)	N	53	16512		Upper Steering Shaft†	
21	736-0169		L-Wash. 3/8" I.D.*		54	710-0837		Oval Hd. Cr.-Sunk Scr. #10 x 5/8" Lg.†	
22	712-0711		Hex Jam Nut 3/8-24 Thd.		55	741-0356		Fl-Bearing .89" I.D. x 1.36" O.D.†	
23	723-0156		Ball Joint Ass'y.		56	712-0324		Hex L-Nut 1/4-20 Thd.†	
24	747-0301		Tie Rod		57	710-0958		Hex Bolt 1/4-20 x 1.25" Lg. (Special)†	
25	13838		Front Axle Ass'y.—R.H.		58	738-0588		Lower Steering Shaft†	
	17267		Front Axle Ass'y.—R.H. <i>L.H.</i> (Used w/15" Wheel, 46" Deck Only)	N	59	731-0998		Nylon Cap	
26	736-0316		Fl-Wash. .780 I.D. x 1.59 O.D.						
27	**		Flange Bearing						
28	**		Front Wheel Ass'y. Comp.						
29	**		Front Wheel Rim Only						

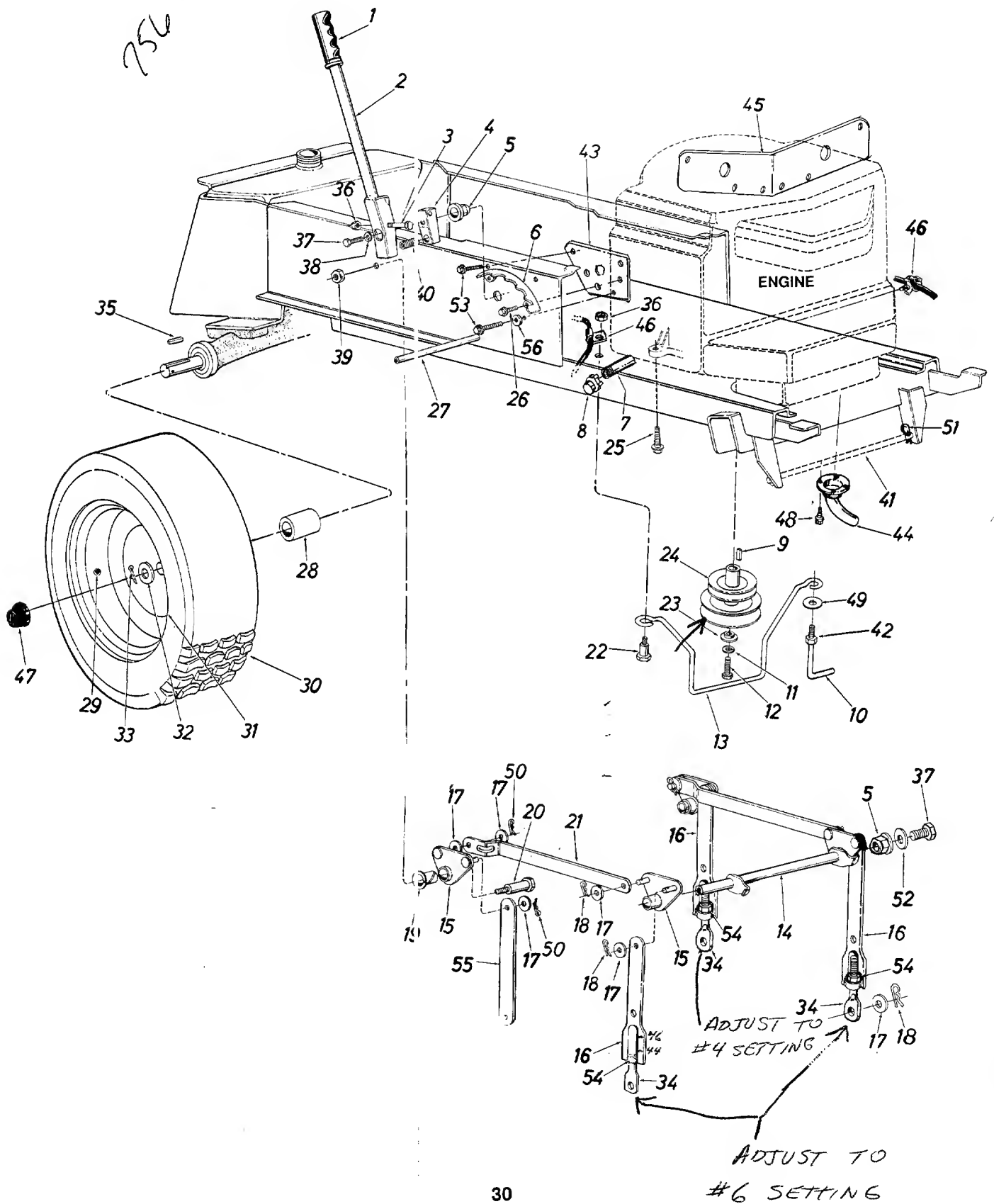
†Models 803, 808, 813, 818, 823 and 828 Only.

**FRONT WHEEL CHART

Description	16 x 6.50—Part No. Rib Tread	16 x 6.50—Part No. Turf Tread	15 x 6.00—Part No. Rib Tread
Wheel Assembly Comp.	734-1006	734-1500	734-0960
Tire Only	734-0526	734-0275	734-0498
Rim Only	734-0787	734-1501	734-0961
Bearing	741-0312	741-0382	741-0382
Air Valve	734-0255	734-0255	734-0255
Grease Fitting	737-0146	734-0224	737-0146

Models 802 thru 828

756-0519



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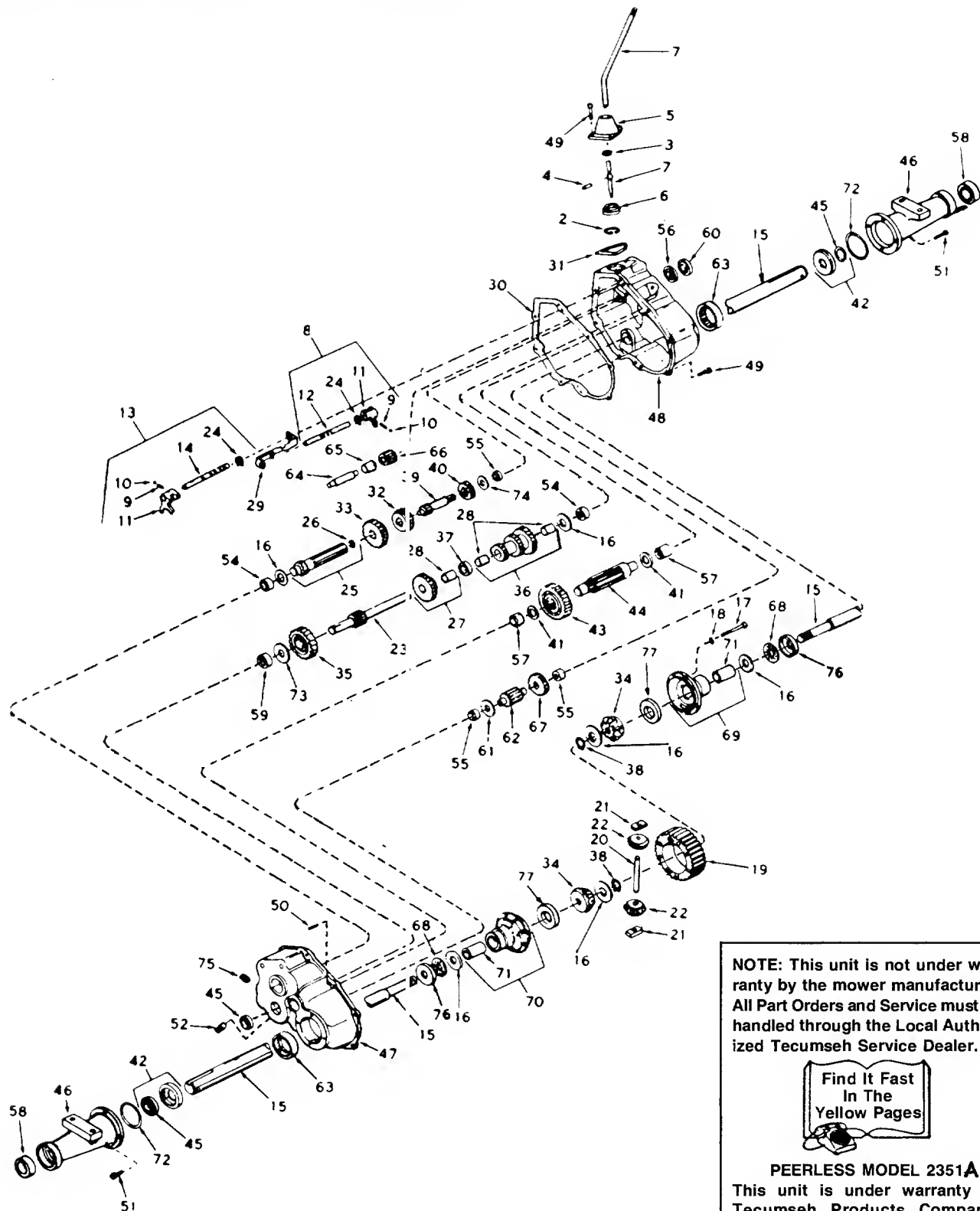
PARTS LIST FOR MODELS 802 THRU 828 GARDEN TRACTORS

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
1	720-0157		Grip		31	734-1015		Rear Wheel Rim Only	
2	14233		Lift Handle Ass'y.		32	736-0345		Flat Washer	
3	710-0442		Hex Bolt 5/16-18 x 1.5" Lg.*		33	714-0142		Cotter Pin 3/16" Dia. x 1.50" Lg.	
4	748-0274		Lift Shaft Drive						
5	741-0225		Plastic Hex Brg. 5/8" I.D.		34	711-0817		Eye Bolt Adj. Link 1/2-13 Thd.	
6	14231		Index Brkt. Deck Lift		35	714-0120		Sq. Key 1/4 x 3.0"	
7	737-0164		Pipe Nipple 3/8-18 Npt.		36	712-0158		Hex Cent. L-Nut 5/16-18 Thd.	
8	737-0143		Pipe Cap 3/8-18 Npt.		37	710-0237		Hex Scr. 5/16-24 x .62" Lg.*	
9	714-0118		Sq. Key 1/4" x 1/4" x 1.50" Lg.		38	736-0119		L-Wash. 5/16" I.D.*	
					39	712-0181		Hex Top L-Nut 3/8-16 Thd.	
10	747-0216		Belt Guard Lock Pin		40	732-0369		Compression Spring	
11	736-0171		L-Wash. 7/16" I.D.		41	738-0392		Deck Connecting Rod	
12	710-0757		Hex Scr. 7/16-20 x 1.50" Lg.		42	712-0123		Hex Nut 5/16-24 Thd.*	
13	747-0299		Belt Guard		43	14170		Index Brkt. Reinforcement Plate	
14	13889		Lift Shaft Ass'y.						
15	13895		Lift Pivot Brkt. Ass'y.		44	751-0275		Exhaust Pipe (16 H.P.)	
16	17303		Adj. Deck Lift Link	N		751-0460		Exhaust Pipe (18 H.P.)	
17	736-0192		Fl-Wash. 1/2" I.D. x 1.00" O.D. x .090		45	14282		Heat Shield (802, 807, 812, 817, 822 & 827)	
18	714-0101		Hairpin Cotter			15826		Heat Shield (803, 808, 813, 818, 823 and 828)	
19	741-0295		Nyliner 5/8" I.D. x .88" Lg.					Mounting Clamp (18 H.P. Only)	
20	738-0445		Shld. Bolt 5/8" Dia. x .96" Lg. 3/8-16		46	726-0175		Mounting Clamp	
21	13790		Connecting Link			726-0185		Hub Cap	
22	738-0296		Shld. Bolt .437 Dia. x .268 Lg. 5/16-18		47	731-0556		Hex Wash. Hd. AB-Tap Scr. #10 x .50" Lg.	
23	736-0322		Flat Wash. .44" I.D. x 1.25" O.D. x .17		48	710-0224		Bell-Wash. .39" I.D.	
24	756-0328		Two-Step Engine Pulley 4.75" & 5.56		49	736-0242		Cotter Pin .09 Dia. x 1.0" Lg.	
25	710-0502		Hex Wash. Hd. Scr. 3/8-16 x 1.25" Lg.		50	714-0111		Int. Cotter Pin	
26	710-0726		Hex Thd. Rolling Scr. 5/16-18 x .75" Lg.		51	714-0149		Flat Wash. .34" I.D. x 1.12" O.D. x .125	
27	738-0435		Running Board Rod		52	736-0231		Hex Wash. Hd. AB-Tap Scr. 5/16-24 x .5" Lg.	
28	750-0490		Spacer 1.0" I.D. x 1.25" O.D. x 2.12" Lg.		53	710-0600		Hex Nut 1/2-13 Thd.	
29	734-0255		Air Valve		54	712-0206		Deck Link	
30	734-1005		Rear Wheel Ass'y. Comp.		55	14399		Fl-Wash. .344" I.D.	
	734-0322		Tire Only		56	736-0264			

The engine is not under warranty by the mower manufacturer. If repairs or service is needed on the engine, please contact your nearest authorized engine service outlet. Check the "Yellow Pages" of your telephone book under "Engines—Gasoline."



Models 802 thru 828



NOTE: This unit is not under warranty by the mower manufacturer. All Part Orders and Service must be handled through the Local Authorized Tecumseh Service Dealer.



PEERLESS MODEL 2351A

This unit is under warranty by Tecumseh Products Company. Parts and Service are available through all Tecumseh, Lauson Power Products Service Dealers. Check the "Yellow Pages" of your telephone directory under "Engines—Gasoline."

TRANSA\LE MODEL 2351 (717-0450)

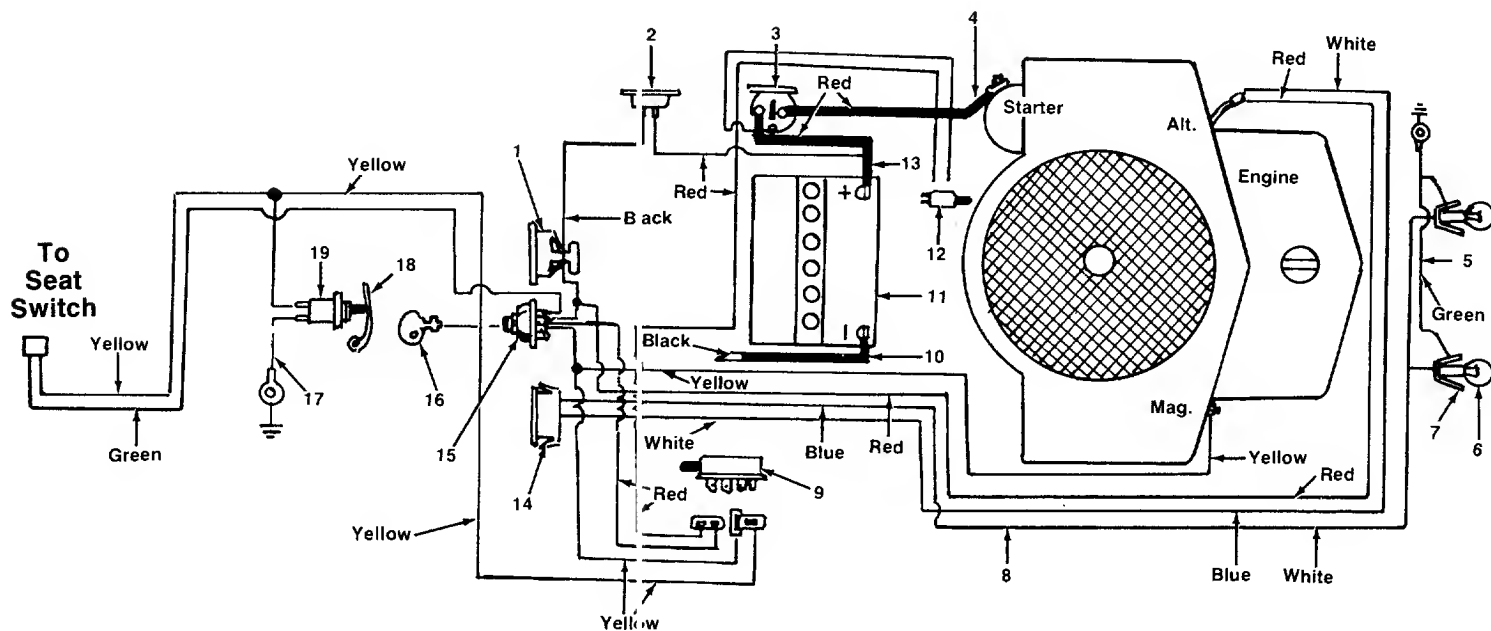
Models 802 thru 828

PARTS LIST FOR TRANSAXLE PEERLESS MODEL 2351A(717-0450)

REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART	REF. NO.	PART NO.	COLOR CODE	DESCRIPTION	NEW PART
2	PE-792016		Ring, Snap		41	PE-780052		Washer, Thrust	
3	PE-792001		Ring, Quad		42	PE-788021		Seal and Retainer Ass'y., Oil (Incl. No. 45)	
4	PE-792049		Pin, Roll		43	PE-778036		Gear, Output	
5	PE-784093		Housing, Shift Lever		44	PE-776028		Pinion, Output	
6	PE-784094		Keeper, Shift Lever		45	PE-788008		Seal, Oil	
7	PE-784308		Lever, Shift		46	PE-782025		Housing, Axle	
8	PE-784054		Rod Ass'y., Shift (Incl. Nos. 9 thru 12 and 24)		47	PE-772016A		Cover Ass'y., Transaxle (Incl. Nos. 54, 55, 57, 59 and 63)	
9	PE-792003		Spring, <i>SHIFT FORK</i>					Case Ass'y., Transaxle (Incl. Nos. 54, 55, 57 and 63)	
10	PE-792004		Ball, Steel		48	PE-770012		<i>FLANGE</i> Screw, Socket Hd., 1/4-20 x 3/4	
11	PE-784004		Fork, Shifter		49	PE-792007		Pin, Dowel	
12	PE-784055		Rod, Shifter (3rd and 4th)		50	PE-786026		Screw, Hex Hd. Sems, 5/16-18 x 1	
13	PE-784056		Rod Ass'y., Shift (Incl. Nos. 9, 10, 11, 14 and 24)		51	PE-792037		Plug, Magnetic Drain	
14	PE-784057		Rod, Shifter (Low)		52	PE-792019		Bearing, Needle	
15	PE-774433		Axle (18-11/32" Long)		54	PE-780049		Bearing, Needle	
16	PE-780042		Washer, Thrust		55	PE-530105		Bearing, Ball	
17	PE-792005		Scr., Hex Hd., 1/4-20 x 2 1/2		56	PE-780024		Bearing, Needle	
18	PE-792006		Lock Washer, 1/4" <i>SPLIT</i>		57	PE-780047		Bearing, Ball	
19	PE-778033A		Gear, Ring		58	PE-780050		Bearing, Needle	
20	PE-786019		Pin, Drive		59	PE-780046		Seal, Oil	
21	PE-786027		Block, Drive		60	PE-788025		Washer	
22	PE-7780947		Pinion, Bevel		61	PE-780001		Shaft and Pinion	
23	PE-776029A		Shaft and Gear, Brake		62	PE-776031		Bearing, Needle	
24	PE-792017		Ring, Snap		63	PE-780048		Shaft, Reverse Idler	
	PE-776189A		Shaft and Bearing Ass'y., Pinion (Incl. No. 26)		64	PE-776030		Spacer, Reverse Idler	
26	PE-780018		Bearing, Needle		65	PE-786025		Idler, Reverse	
27	PE-778034		Gear Cluster Ass'y. (Incl. No. 28)		66	PE-778016		Spur Gear (22 Teeth)	
28	PE-780053		Bushing		67	PE-778038		Bearing, Thrust	
29	PE-784074		Stop, Shifter		68	PE-780039		Carrier Ass'y., Differential (Incl. No. 71)	
30	PE-788023		Gasket, Case and Cover		69	PE-774072A		Carrier Ass'y, Differential (Incl. No. 71)	
31	PE-788022		Gasket, Shifter Lever Housing		70	PE-774071A		Bushing	
32	PE-778019A		Gear, Shifting (3rd and 4th)		71	PE-780041		"O" Ring <i>SEAL- SQ. CUT</i>	
33	PE-778020		Gear, Shifting (1st, 2nd and Rev.)		72	PE-788024		Washer, Thrust	
34	PE-778096		Gear, Bevel		73	PE-780007		Washer, Thrust	
35	PE-778037		Gear, Idler		74	PE-780051		Plug, Pipe	
36	PE-778035A		Gear Cluster Ass'y. (Incl. No. 28)		75	PE-792010		Race, Thrust	
37	PE-786024		Spacer		76	PE-780075		Washer	
38	PE-792018		Ring, Snap		77	PE-780107			
39	PE-776175		Shaft, Input						
40	PE-778024A		Spur Gear, Input Shaft						

Shift lever is not shipped with transaxle. Order separately.

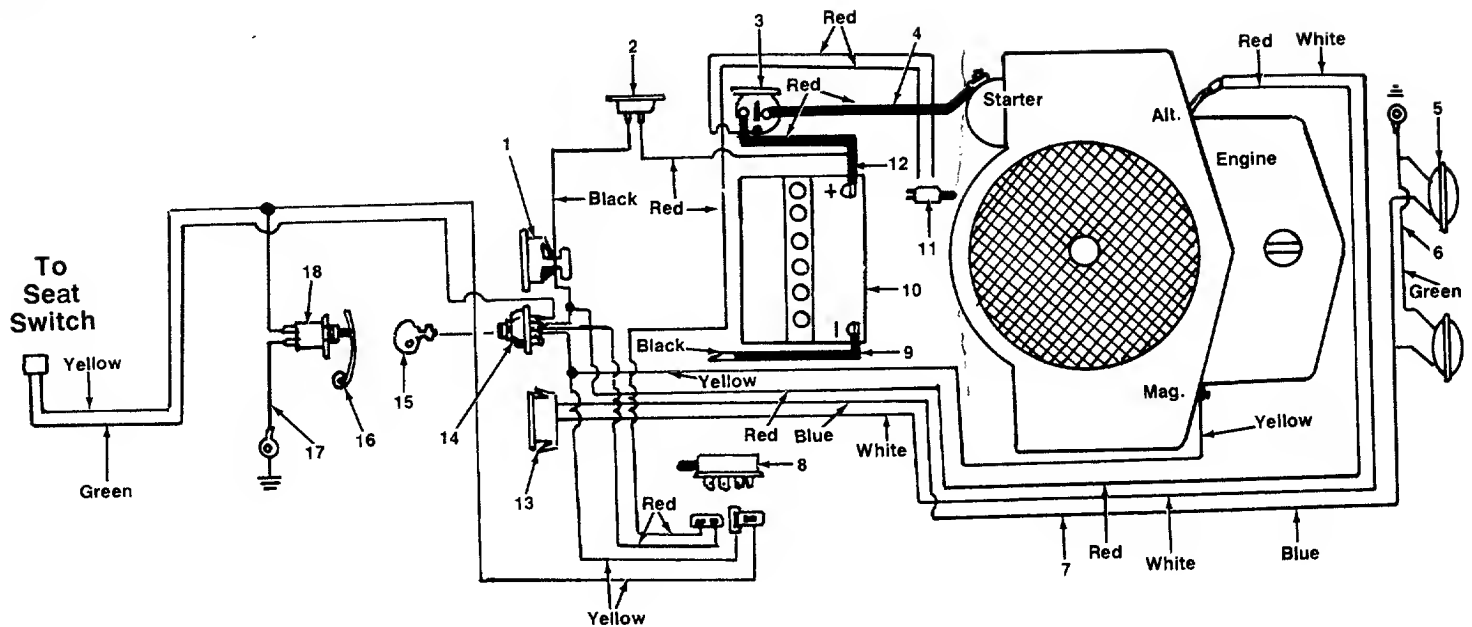
Models 802, 803, 808, 812, 813, 818, 822, 823 and 828



PARTS LIST FOR ELECTRICAL SYSTEM

REF. NO.	PART NO.	DESCRIPTION
1	725-0925	Ammeter
2	725-0459	Circuit Breaker
3	725-0771	Solenoid
4	725-0561	Wire
5	725-0916	Ground Wire
6	725-0963	Bulb
7	725-1058	Socket
8	725-1134	Wire Harness
9	725-0465	Safety Switch
10	725-0996	6 Ga. Black Wire
11	725-0453	Battery 12V
12	725-0268	Safety Switch
13	725-0563	Wire
14	725-0634	Light Switch
15	725-0267	Ignition Switch
16	725-0201	Ignition Key
17	725-0765	Electric Wire
18	732-0405	Spring Lever
19	725-0268	Safety Switch

Models 807, 817 and 827



PARTS LIST FOR ELECTRICAL SYSTEM

REF. NO.	PART NO.	DESCRIPTION
1	725-0925	Ammeter
2	725-0459	Circuit Breaker
3	725-0771	Solenoid
4	725-0561	Wire
5	725-0222	Headlight
6	725-0916	Ground Wire
7	725-1134	Wire Harness
8	725-0465	Safety Switch
9	725-0996	6 Ga. Black Wire
10	725-0453	Battery 12V
11	725-0268	Safety Switch
12	725-0563	Wire
13	725-0634	Light Switch
14	725-0267	Ignition Switch
15	725-0201	Ignition Key
16	732-0405	Spring Lever
17	725-0765	Electric Wire
18	725-0268	Safety Switch

PARTS INFORMATION

POWER EQUIPMENT PARTS AND SERVICE

Parts and service are available through the authorized service firm listed below. All orders should specify the model number of your unit, part numbers, description of parts and the quantity of each part required.

BRIGGS AND STRATTON, TECUMSEH AND PEERLESS PARTS AND SERVICE

Briggs & Stratton, Tecumseh and Peerless parts and service should be handled by your nearest authorized engine service firm. Check the yellow pages of your telephone directory under the listing **Engines—Gasoline**, Briggs & Stratton or Tecumseh Lauson.

NOTE: If any parts are found to be missing or defective upon assembly of this unit, write to advise the factory so that immediate replacement can be made.

ALABAMA	BIRMINGHAM
Auto Electric & Carburetor Co.	2625 4th Ave. S.35233
ARKANSAS	NORTH LITTLE ROCK
Sutton's Lawn Mower Shop.	5301 Roundtop Drive
	Box 368, Rt. 472117
CALIFORNIA	PORTERVILLE
Billious	75 North D Street33257
COLORADO	DENVER
Spitzer Industrial Products Co.	6601 N.
	Washington St.30229
FLORIDA	JACKSONVILLE
Radco Distributors	4909 Victor St.
	Box 545932207
	HIALEAH
Small Eng. Dist.	7995 W. 26th Court30316
GEORGIA	EAST POINT
East Point Cycle & Key Inc.	2834 Church St.30344
ILLINOIS	LYONS
Keen Edge Co.	8615 Ogden Ave.60534
INDIANA	ELKHART
Parts & Sales Inc.	2101 Industrial Pkwy.6516
IOWA	DUBUQUE
Power Lawn & Garden Equip.	2551 J.F. Kennedy52001
LOUISIANA	NEW ORLEANS
Suhren Engine Co.	8330 Earhart Blvd.70118
MARYLAND	TAKOMA PARK
Center Supply Co.	6867 New Hampshire
	Ave.20912
MASSACHUSETTS	SPRINGFIELD
Morton B. Collins Co.	300 Birnie Ave.01107
MICHIGAN	MOUNT CLEMENS
Power Equipment Dist.	340 Hubbard43043
MINNESOTA	PLYMOUTH
Hance Distributing Inc.	12795 16th Ave. North55441
MISSOURI	EARTH CITY
Oscar Wilson Engine & Parts	4159 Shoreline Dr.63045
	KANSAS CITY
Automotive Equip. Service	3117 Holmes St.64109
NEW JERSEY	ALLOWAY
Piersons	Canal St., Box 49408001
NEW MEXICO	ALBUQUERQUE
Spitzer Eng. & Parts Co.	1023 Third Ave. N.W.87103

NEW YORK	CARTHAGE
Gamble Dist., Inc.	West End Ave.13619
NORTH CAROLINA	GREENSBORO
Dixie Sales Company	335 N. Green27402
OHIO	CARROLL
Stebe's Mid-State Mower Supply	Box 366, 71 High St.43112
	CLEVELAND
Bleckrie, Inc.	7900 Lorain Ave.44102
National Central	WADSWORTH
	687 Seville Rd.44281
Burton Supply Co.	YOUNGSTOWN
	1301 Logan Ave.
	Box 92944501
PENNSYLVANIA	HARRISBURG
EECO Inc.	4021 N. 6th St.17110
Thompson Rubber Co.	WILLOW GROVE
	850 Davisville Rd.19090
Bluemont Co.	PITTSBURGH
	11101 Frankstown Rd.15235
Frank Roberts & Sons	PUNXSUTAWNEY
	R.D. 215767
Scranton Auto Ignition Co.	SCRANTON
TENNESSEE	1133-35 Wyoming Ave.18509
Ace Distributors	KNOXVILLE
	2103 Magnolia37
American Sales & Service, Inc.	MEMPHIS
TEXAS	3035-43 Bellbrook38116
Marr Brothers, Inc.	DALLAS
	423 E. Jefferson75203
Engine House Inc.	SAN ANTONIO
	8610 Botts Lane
	P.O. Box 1786778217
UTAH	SALT LAKE CITY
Powered Products	1661 N. Beck St.84116
VIRGINIA	ASHLAND
RBI Corp.	101 Cedar Ridge Dr.23005
WASHINGTON	SEATTLE
Equip. Northwest	1410 14th Ave.98122
WISCONSIN	MILWAUKEE
Wisconsin Magneto Inc.	4727 N. Teutonia St.53209

WARRANTY PARTS AND SERVICE POLICY

(0687)

The purpose of warranty is to protect the customer from defects in workmanship and materials, defects which are NOT detected at the time of manufacture. It does not provide for the unlimited and unrestricted replacement of parts. Use and maintenance are the responsibility of the customer. The manufacturer cannot assume responsibility for conditions over which it has no control. Simply put, if it's the manufacturer's fault, it's the manufacturer's responsibility; if it's the customer's fault, it's the customer's responsibility.

CLAIMS AGAINST THE MANUFACTURER'S WARRANTY INCLUDES:

1. Replacement of Missing Parts on new equipment.
2. Replacement of Defective Parts within the warranty period.
3. Repair of Defects within the warranty period.

All claims MUST be substantiated with the following information:

1. Model Number, Serial Number and/or Data Code of unit involved.
2. Date unit was purchased or first put into service.
3. Date of Failure.
4. Nature of Failure.